

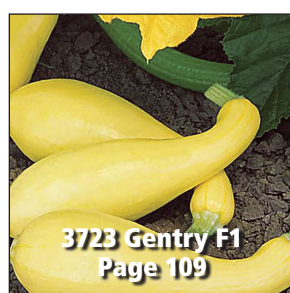
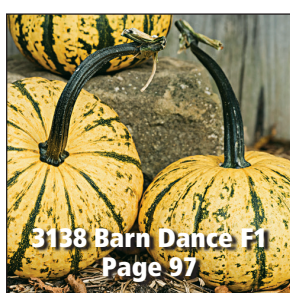
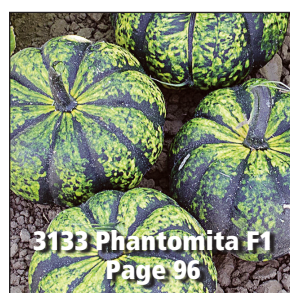
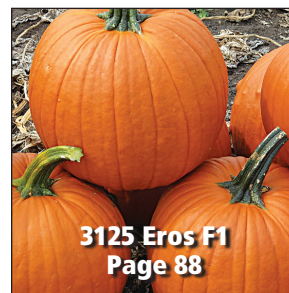
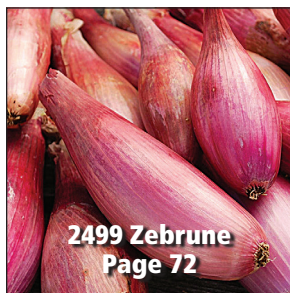


Holmes

Seed Company

2024
Vegetable Growers Catalog

2024 - Our Newest Offerings



Dear Valued Customers,

For as long as we can remember, we have told our customers that "you write our catalog". What we have always meant by that statement is that we listen very carefully to what our customers desire. Whether it is our product selection, descriptions, pictures or layout. One reoccurring request is to improve pricing visibility. After testing the separate booklet last year, we have decided to make it optional for the price booklet to be left in or removed from the catalog at the customer's choice. In addition to pricing, this booklet contains our order blanks, agreements (waivers), glossary of terms, and planting guide. We encourage you to use the envelope included in the booklet if you are mailing in your order. We truly hope that you enjoy the new format and faithfully look forward to serving you.

Sincerely,

Your Friends at Holmes Seed

TERMS AND CONDITIONS

ORDERING

Many of our customers prefer to mail in their payment and **take advantage of the 3% discount allowed by including their check or money order**. There will be a \$35.00 charge for any returned checks. You may also mail an order using your debit / credit card, however; there is no discount allowed for debit / credit card orders. We accept Visa, Master Card, Discover and American Express.

Our **Order Department (Phone: Toll Free 800-435-6077 or 330-492-0123)** is open Monday through Friday, 8:00 AM to 5:00 PM (EST) during the months of JANUARY through APRIL. From MAY through DECEMBER, the hours are 9:00 AM to 4:00 PM (EST). Our lines are extremely busy during the first three or four months of the year, so if you prefer to call your order in, please be patient. We have a toll free Fax number (877-492-0167) if you prefer to Fax your credit card orders. Advance orders will be charged to your credit card.

For our local customers who like to pick up their orders, we ask that you call us at least 24 hours in advance, so that we have time to prepare your order.

DELIVERY AND SHIPPING METHODS

*** WE PAY THE FREIGHT TO THE FIFTH ZONE ON ORDERS TOTALING \$175.00 OR MORE ***

- The 5th zone includes all states East of the Mississippi River and to the following states West
- MN, IA, MO, AR, LA, ND, SD, NE, KS and OK.
- All states outside the above mentioned (beyond the 5th zone), please add **75 cents per pound**.
- ALASKA and HAWAII: Please add **\$2.25 per pound** to your order and we will ship by Priority Mail.
- Most orders are shipped by mail or Fed Ex Ground Service. However, we reserve the right to ship by the most economical method available. If you desire a faster delivery method (Overnight, 2 Day, etc.) please call us for rates.

S&H RATES FOR ORDERS UNDER \$175.00

UP TO 4 OZ.	\$4.50
4 OZ. TO 1 LB.	\$8.95
1 LB. TO 10 LB.	\$12.95
10 LB. AND UP	\$15.00
\$175.00 AND ABOVE	FREE (TO THE 5TH ZONE)

CONDITIONS OF SALE - Acceptance of seeds upon delivery shall constitute acceptance of these terms, conditions and warranties

All of our seed is thoroughly tested for vitality and germination. We guarantee arrival in good condition and warrant to the full amount of the purchase price that our seeds are of good vitality and true to name as described on the container. So many other factors besides the seed influence the success or failure of crops that, in common with all seedsmen, we specifically limit our liability in all instances to the purchase price of the seed. Adverse environmental conditions such as extreme heat or cold, excess water or drought, or excessive wind can produce reactions in plants that may render the plant/product unmarketable. HOLMES SEED COMPANY does not assume any responsibility for the quality of vegetable production grown under environmental stress conditions. The HOLMES SEED COMPANY further limits to such purchase price its liability of any kind on account of any negligence whatsoever on its part with respect to such seeds. The HOLMES SEED COMPANY shall not be liable for any consequential or incidental damages. Claims for defects in this product must be presented to HOLMES SEED COMPANY as soon as possible to enable HOLMES SEED to investigate the claim and in any event within 30 days after discovery. Performance of all varieties may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years and consider the impacts of those conditions on the grower's field. Prices are subject to change without notice and to our stocks being unsold. HOLMES SEED reserves the right to correct pricing misprints.

RETURN POLICY

All seed is sold on a NO return basis. Exceptions can only be granted on an individual basis under extraordinary circumstances. Under no circumstances will the HOLMES SEED COMPANY accept returns without prior approval.



2125 46th St NW
CANTON, OHIO 44709

**Orders: 800-435-6077
or 330-492-0123
www.holmesseed.com**

THIS PAGE HAS BEEN FILLED IN AS AN EXAMPLE

WE WELCOME YOUR CREDIT CARD CHARGE

CHARGE TO MY



2024

Credit Card No. _____

Expiration Date _____ Security Code _____

Customer' Signature _____

NAME: John Doe

TELEPHONE NO. (AREA CODE)

(123) 456-7890

EMAIL: johndoe@email.com

STREET ADDRESS 1234 Main St
(FED EX DOES NOT DELIVER TO PO BOXES)

P.O. BOX # 9087 Canton, OH 44711
(FOR POSTAL SERVICE, CATALOG, ETC.)

CITY Canton

STATE OH

ZIP 44709

☐ SUBSTITUTES: SEND NEXT BEST VARIETY IF SOLD OUT

☐ CALL FOR SUBSTITUTION

☐ DO NOT SUBSTITUTE

LET US KNOW WHAT TO DO IF
AN ITEM IS UNAVAILABLE

QUANTITIES THAT FALL BETWEEN
PRICE LEVELS RECEIVE THE SAME
QUANTITY DISCOUNT AS THE
PRECEEDING PRICE LEVEL

HOW TO USE THE PRICING TABLES TO CALCULATE THE PRICE FOR YOUR SEED ORDER

MULTIPLY THE NUMBER PRECEDING THE "M" OR "LB" BY THE PRICE IN THAT COLUMN.
FOR VARIETIES SOLD BY SEED COUNT, M = 1,000 SEEDS.

EXAMPLES

1M	3M	15M	1LB	5LB	25LB
35.00	33.30	31.30	5.20	4.25	4.10
	x 3	x 15		x 5	x 25
=	99.90	469.50	=	24.25	102.50

MULTIPLY THE UNIT PRICE
(PER M OR LB) BY QUANTITY =
TOTAL PRICE PER ITEM

PRODUCT NO.	VARIETY	IF THE NUMBER AND NAME DO NOT MATCH, WE WILL USE THE NAME	QUANTITY	X	UNIT PRICE	=	PRICE
3210	BABY BEAR F1 PUMPKIN		15 M	X	25 90	=	388 50
3248	BENCHMARK F1 PUMPKIN		3 M	X	96 50	=	289 50
0160	ROMA II BEAN		5 LB	X	4 25	=	21 25
0101	LEWIS BEAN		2 M	X	6 75	=	13 50
1155	OBSESSION II F1 SWEET CORN		2.5 M	X	19 95	=	49 88
1165	AMERICAN DREAM F1 SWEET CORN		12,500	X	13 50	=	168 75
1136	AMBROSIA F1 SWEET CORN		10 LBS	X	14 55	=	145 50
3619	GREEN BERET F1 SPINACH		10 M	X	90	=	9 00
0731	SUGARSNAX F1 CARROT		5 M	X	1 95	=	9 75

FOR ADDITIONAL ORDER
BLANKS CHECK HERE

Please keep a copy of your order.

SUBTOTAL (Sides 1 and 2)

Take advantage of
our 3% discount
for orders paid
with Cash, Check,
or Money Order

Discount if applicable (See Terms & Conditions pg.1)

Extra freight charges if applicable (See Terms & Conditions pg.1)

Handling charge if under \$175.00 (See Terms & Conditions pg.1)

*Remember: For orders over \$175.00 we pay your shipping charges to the fifth zone see terms for details.

- ☐ SHIP MY ORDER WHEN IT IS COMPLETE
- ☐ SHIP AVAILABLE NOW
- ☐ SHIP MY ORDER BY THIS DATE: ____/____/____

LET US KNOW WHAT YOUR TIME
TABLE IS, ADDITIONAL SHIPPING
CHARGES MAY APPLY FOR
MULTIPLE SHIPMENTS

FOR OFFICE USE ONLY

CHECK # _____

AMOUNT ENCLOSED \$ _____

**ORDER Online at www.Holmesseed.com or
FAX your Credit Card Order to our TOLL FREE # 877-492-0167**



WE WELCOME YOUR CREDIT CARD CHARGE

2125 46th St NW
CANTON, OHIO 44709

**Orders: 800-435-6077
or 330-492-0123
www.holmesseed.com**

CHARGE TO MY



2024

Credit Card No. _____

Expiration Date _____ Security Code _____

Customer' Signature _____

NAME: _____ TELEPHONE NO. (AREA CODE) _____ EMAIL: _____

STREET ADDRESS _____ P.O. BOX # _____
(FED EX DOES NOT DELIVER TO PO BOXES) (FOR POSTAL SERVICE, CATALOG, ETC.)

CITY _____ STATE _____ ZIP _____

☐ SUBSTITUTES: SEND NEXT BEST VARIETY IF SOLD OUT ☐ CALL FOR SUBSTITUTION ☐ DO NOT SUBSTITUTE

CONDITION OF SALE - The Holmes Seed Co. warrants to the extent of the purchase price that seeds sold are as described on the container, within recognized tolerances. Seller gives no other or further warranty, expressed or implied. The Holmes Seed Co. further limits to such purchase price the liability of any kind on account of any negligence whatsoever on its part with respect to such seeds. Adverse environmental conditions such as extreme heat or cold, excess water or drought, or excessive wind can produce reactions in plants that may render the plant/product unmarketable. Holmes Seed Company does not assume any responsibility for the quality of vegetable production grown under environmental stress conditions.

PRODUCT NO.	VARIETY	QUANTITY	X	UNIT PRICE	=	PRICE	
			X		=		
			X		=		
			X		=		
			X		=		
			X		=		
			X		=		
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			X		=		

FOR ADDITIONAL ORDER BLANKS CHECK HERE <input type="checkbox"/>	Please keep a copy of your order.	SUBTOTAL (Sides 1 and 2)	=		
Take advantage of our 3% discount for orders paid with Cash, Check, or Money Order	Discount if applicable (See Terms & Conditions pg.1)		-		
	Extra freight charges if applicable (See Terms & Conditions pg.1)		+		
	Handling charge if under \$175.00 (See Terms & Conditions pg.1)		+		
*Remember: For orders over \$175.00 we pay your shipping charges to the fifth zone see terms for details.					TOTAL AMOUNT

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CHECK # _____
AMOUNT ENCLOSED \$ _____

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FAX your Credit Card Order to our TOLL FREE # 877-492-0167**

PRODUCT NO.	VARIETY	QUANTITY	X	UNIT PRICE		=	PRICE
-----	-----	AMOUNT BROUGHT FORWARD	X	-----	=		
			X		=		
			X		=		
			X		=		
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			X		=		
FOR ADDITIONAL ORDER BLANKS CHECK HERE		TOTAL			=		





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2125 46th St NW
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2024

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Customer' Signature _____

NAME: _____ TELEPHONE NO. (AREA CODE) _____ EMAIL: _____

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PRODUCT NO.	VARIETY	QUANTITY	X	UNIT PRICE	=	PRICE	
			X		=		
			X		=		
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			X		=		
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			X		=		
			X		=		

FOR ADDITIONAL ORDER BLANKS CHECK HERE <input type="checkbox"/>	Please keep a copy of your order.	SUBTOTAL (Sides 1 and 2)	=		
Take advantage of our 3% discount for orders paid with Cash, Check, or Money Order	Discount if applicable (See Terms & Conditions pg.1)		-		
	Extra freight charges if applicable (See Terms & Conditions pg.1)		+		
	Handling charge if under \$175.00 (See Terms & Conditions pg.1)		+		
*Remember: For orders over \$175.00 we pay your shipping charges to the fifth zone see terms for details.					TOTAL AMOUNT

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☐ SHIP AVAILABLE NOW
☐ SHIP MY ORDER BY THIS DATE: ____/____/____

FOR OFFICE USE ONLY
CHECK # _____
AMOUNT ENCLOSED \$ _____

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[illegible]

ASPARAGUS

Descriptions on Page 1

	100	500	1 M	5 M	15 M		1 oz	¼ lb	1 lb	5 lb
0002 Walker Deluxe F1	17.00	55.25	85.00	80.80	76.00	0001 Mary Washington	5.95	15.24	39.04	37.12

GARDEN BEANS

Pages 1 - 6

Bush Green		2M	10M	40M	80M	Flat / Romano		2M	10M	40M	80M		
0238	Coyote	6.75	5.95	5.75	5.55	0258	Red Swan	9.75	8.95	8.75	8.55		
0111	Dark Horse	6.75	5.95	5.75	5.55	0239	Romano Gold	7.75	6.95	6.75	6.55		
0124	Derby	7.75	6.95	6.75	6.55	0239U	Romano Gold - Untreated	7.65	6.85	6.65	6.45		
0139	Jade (Original)	5.75	4.95	4.75	4.55	Flat / Romano		1 lb	5 lb	25 lb	50 lb		
0140	Jade II	5.75	4.95	4.75	4.55	0160	Roma II	5.90	4.95	4.80	4.65		
0101	Lewis	7.75	6.95	6.75	6.55	0259	Romano Blend	8.90	7.95	7.80	7.65		
0110	Nyquist	5.75	4.95	4.75	4.55	0102	Velero	10.90	9.95	9.80	9.65		
0145	Prevail	5.75	4.95	4.75	4.55	Bush Yellow (Wax)		2M	10M	40M	80M		
0161	Sybaris	6.75	5.95	5.75	5.55	0233	Goldmine	6.75	5.95	5.75	5.55		
0187	Tema	5.75	4.95	4.75	4.55	0232	Gold Rush	5.75	4.95	4.75	n/a		
0189	Valentino	6.75	5.95	5.75	5.55	0237	Rocdor	8.75	7.95	7.75	7.55		
Bush Green		1 lb	5 lb	25 lb	50 lb	Bush Yellow (Wax)		1 lb	5 lb	25 lb	50 lb		
0107	Blue Lake Bush 274	5.90	4.95	4.80	4.65	0235	Pencil Pod Black Wax	5.90	4.95	4.80	4.65		
0117	Burpee Stringless Green Pod	— Unavailable for 2024 —				0236	Resistant Cherokee	5.90	4.95	4.80	4.65		
0118	Bush Kentucky 125	— Unavailable for 2024 —				Lima		1 lb	5 lb	25 lb	50 lb		
0121	Contender	5.90	4.95	4.80	4.65	0240	Burpee's Improved Bush Lima	5.90	4.95	4.80	4.65		
0133	Greencrop	5.90	4.95	4.80	4.65	0243	Christmas Lima	5.90	4.95	4.80	4.65		
0157	Provider	5.90	4.95	4.80	4.65	0241	Fordhook 242	5.90	4.95	4.80	4.65		
0166	Royal Burgundy	— Unavailable for 2024 —				0245	Henderson Bush	5.90	4.95	4.80	4.65		
0178	Slenderette	5.50	4.55	4.40	4.25	0255	King of the Garden	5.90	4.95	4.80	4.65		
0184	Strike	5.50	4.55	4.40	4.25	0248	Thorogreen	5.90	4.95	4.80	4.65		
0193	Tenderette	5.50	4.55	4.40	4.25	Pole		1 lb	5 lb	25 lb	50 lb		
0194	Tendergreen Improved	5.50	4.55	4.40	4.25	0108	Blue Lake Pole FM1K	6.90	5.95	5.80	5.65		
0197	Topcrop	— Unavailable for 2024 —				0219	Kentucky Wonder	5.90	4.95	4.80	4.65		
Runner Type		1 lb	5 lb	25 lb	50 lb	0223	McCaslan	— Unavailable for 2024 —					
0152	Pink Half Runner (Peanut Bean)	5.90	4.95	4.80	4.65	0109	Rattlesnake	6.90	5.95	5.80	5.65		
0183	State Half Runner	— Unavailable for 2024 —				Pole		2M	10M	40M	80M		
0196	Volunteer / Tennessee	5.90	4.95	4.80	4.65	0104	Seychelles	6.75	5.95	5.75	5.55		
0198	White / Mountaineer	5.90	4.95	4.80	4.65	BEAN DISEASE CODES							
Specialty		500	1M	2M	10M	40M	80M	CODE		DISEASE		CAUSED BY	
0288	Fortex	26.65	41.00	39.80	34.86	30.76	—	Ae	Root Rot		Aphanomyces		
0289	Orient Wonder	13.65	21.00	20.40	17.86	15.76	—	BCMV	Bean common mosaic virus		starin 1		
0287	Grenada	—	—	6.75	5.95	5.75	5.55	BMV#	Bean mosaic virus (Race # noted)		Bean common mosaic virus (race #)		
0290	Maxibel	—	—	11.75	10.95	10.75	10.55	BCTV	Curly top		Beet curly top virus		
0106	Python	—	—	11.75	10.95	10.75	10.55	CI	Anthracnose		Colletotrichum lindemuthianum		
0170	Velour	—	—	11.75	10.95	10.75	10.55	Psp	Halo Blight		Pseudomonas savastanoi pv. phaseolicola		
								Pss	Bacterial brown spot		Pseudomonas syringae pv. syringae		
								Ua	Rust		Uromyces appendiculatus		
								Xap	Common Blight		Xanthomonas axonopodis pv. phaseoli		
								PM	Powdery Mildew		Podosphaera xanthii Fungus		

GARDEN BEANS						Descriptions on Pages 1 - 6					
Horticultural		1 lb	5 lb	25 lb	50 lb	Shell / Miscellaneous		1 lb	5 lb	25 lb	50 lb
0211	Dwarf Horticultural Taylor	5.90	4.95	4.80	4.65	0263	Black Turtle	5.90	4.95	4.80	4.65
0215	French Horticultural	5.90	4.95	4.80	4.65	0268	Dark Red Kidney	5.90	4.95	4.80	4.65
0216	Horto	5.90	4.95	4.80	4.65	0269	Fava	6.90	5.95	5.80	5.65
0220	Supremo Plus	7.90	6.95	6.80	6.65	0270	Great Northern	4.90	3.95	3.80	3.65
0212	Topazio Horticultural	9.90	8.95	8.80	8.65	0273	Navy	5.90	4.95	4.80	4.65
Edible Vegetable Soybeans (Edamame)		1 lb	5 lb	25 lb	50 lb	0278	Pinto	5.90	4.95	4.80	4.65
0299	BeSweet 292	11.95	11.00	10.85	10.70						

BEETS						Page 6 - 7					
		1M	10M	50M	100M			1 oz	1/4 lb	1 lb	5 lb
0333	Avalanche	5.90	2.95	2.90	2.80	0304	Cylindra	3.00	4.32	11.04	10.40
0302	Chioggia Guardsmark	3.00	1.50	1.45	1.35	0305	Detroit Dark Red	3.00	4.32	11.04	10.40
0314	Eagle F1	3.00	1.50	1.45	1.35	0307	Detroit Supreme	3.00	7.44	19.04	18.08
0312	Kestrel F1	3.00	1.50	1.45	1.35	0310	Lutz Green Leaf	3.00	4.32	11.04	10.40
0324	Merlin F1	3.00	1.50	1.45	1.35	0335	Rainbow Blend	3.40	8.60	22.08	20.96
0317	Red Ace F1	3.00	1.50	1.45	1.35	0319	Ruby Queen	3.00	5.84	15.04	14.24
0315	Red Cloud F1	3.90	1.95	1.90	1.80	0308	Sugar Beet	3.00	5.84	15.04	14.24
0316	Touchstone Gold	9.90	4.95	4.90	4.80						

BROCCOLI							Pages 7 - 8					
Hybrid		100	1M	10M	25M	100M	Open Pollinated		1 oz	1/4 lb	1 lb	5 lb
0450	Artwork (Sibsey) F1	3.40	19.50	17.00	16.80	16.50	0402	Broccoli RAAB	3.00	6.64	16.96	16.16
0444	Aspabroc F1	8.00	46.00	40.00	39.80	39.50	0440	Waltham 29	3.00	6.64	16.96	16.16
0431	Avenger F1	—	11.45	9.95	9.75	9.50	BROCCOLI DISEASE CODES					
0433	Diamante F1	—	12.65	11.00	10.80	10.55	CODE	DISEASE	CAUSED BY			
0403	Diplomat F1	—	10.30	8.95	8.75	8.50	BLS	Black leaf speck	Physiological disorder			
0445	Eastern Crown F1	—	13.75	11.95	11.75	11.50	Xcc	Black rot	Xanthomonas campestris			
0417	Emerald Crown F1	—	11.45	9.95	9.75	9.50	DM	Downy Mildew	Peronospora paransitica			
0406	Green Magic F1	—	11.45	9.95	9.75	9.50	HS	Hollow Stem	Physiological disorder			
0411	Gypsy F1	—	10.30	8.95	8.75	8.50	BRUSSELS SPROUTS					
0419	Imperial F1	—	12.65	11.00	10.80	10.55	Page 9					
0436	Ironman F1	—	12.65	11.00	10.80	10.55			1M	5M	25M	100M
0453	Jacaranda F1	9.95	57.30	49.80	49.60	49.30	0508	Franklin F1	34.45	29.95	29.75	29.50
0415	Lieutenant F1	—	13.75	11.95	11.75	11.50	0506	Jade Cross F1 Original	13.80	12.00	11.80	11.55
0410	Marathon F1	—	10.30	8.95	8.75	8.50	0514	Marte F1	34.45	29.95	29.75	29.50
0451	Millennium F1	—	11.45	9.95	9.75	9.50	0512	Red Bull	9.15	7.95	7.75	7.50
0423	Monflor F1	—	12.10	10.50	n/a	n/a			1 oz	1/4 lb	1 lb	
							0501	Catskill Long Island Improved	4.45	11.36	28.96	

CABBAGE						Pages 9 - 12					
Hybrid		1M	5M	25M	100M	Hybrid		1M	5M	25M	100M
0600	Blue Dynasty F1	9.15	7.95	7.75	7.50	0617	Pennant F1	7.90	6.85	6.65	6.40
0602	Blue Vantage F1	6.85	5.95	5.75	5.50	0619	Platinum Dynasty F1	8.35	7.25	7.05	6.80
0604	Bobcat F1	6.85	5.95	5.75	n/a	0619	Platinum Dynasty F1 (untreated)	8.35	7.25	7.05	6.80
0611	Bravo F1	9.15	7.95	7.75	7.50	0639	Primo Vantage F1	7.90	6.85	6.65	6.40
0626	Caraflex F1	34.45	29.95	29.75	29.50	0628	Quick Start F1	6.85	5.95	5.75	5.50
0603	Charmant F1	6.85	5.95	5.75	5.50	0627	Red Dynasty F1	13.25	11.50	11.30	11.05
0656	Cheers F1	6.85	5.95	5.75	5.50	0623	Red Jewel F1	10.60	9.20	9.00	8.75
0608	Fast Vantage F1	7.90	6.85	6.65	6.40	0629	Royal Vantage F1	6.85	5.95	5.75	5.50
0692	Grand Vantage F1	9.15	7.95	7.75	7.50	0632	Savoy Ace Improved F1	12.90	11.20	11.00	10.75
0609	Greenboy F1	6.85	5.95	5.75	5.50	0640	Savoy King F1	11.75	10.20	10.00	9.75
0610	Headstart F1	6.85	5.95	5.75	5.50	0693	Stellar Vantage F1	6.85	5.95	5.75	5.50
0620	K-K Cross Improved F1	14.65	12.70	12.50	12.25	0650	Stonehead F1	6.85	5.95	5.75	5.50
0638	K-Y Cross F1	10.60	9.20	9.00	8.75	0642	Storage #4 F1	12.90	11.20	11.00	10.75
0635	Megaton F1	20.65	17.95	17.75	17.50	0658	SuperStar F1	9.15	7.95	7.75	7.50
0618	O-S Cross Improved F1	6.85	5.95	5.75	5.50	0690	Tropicana F1	9.15	7.95	7.75	7.50

CABBAGE *(continued)***Descriptions on Pages 9 - 11**

Open Pollinated		1 oz	1/4 lb	1 lb
0665	Copenhagen Market	3.00	6.24	16.00
0670	Danish Ballhead	3.00	7.44	19.04
0671	Early Flat Dutch	3.00	7.44	19.04
0673	Early Jersey Wakefield	3.00	6.24	16.00

Open Pollinated		1 oz	1/4 lb	1 lb
0675	Golden Acre	3.00	7.04	18.08
0678	Late Flat Dutch	3.00	7.44	19.04
0685	Red Acre	3.85	9.76	24.96

CHINESE CABBAGE**Page 11 - 12**

		1M	5M	25M	100M
0633	Blues F1	4.55	3.95	3.75	3.50
0614	Joi Choi F1	4.55	3.95	3.75	3.50
0616	Mei Qing Choi F1	4.55	3.95	3.75	3.50
0694	Merlot F1	26.45	23.00	22.80	n/a

		1 oz	1/4 lb	1 lb
0680	Michihilli	3.00	4.32	11.04
0624	Pak Choi White Stem	3.00	5.84	15.04

CABBAGE DISEASE CODES

Code	Disease	Caused By
BLS	Black leaf speck	Physiological disorder
Foc	Fusarium yellows	Fusarium oxysprum f. sp. Conglutinans
Pb	Clubroot	Plasmodiophora brassicae
DM	Downy Mildew	Peronospora parasitica
Xcc	Black rot	Xanthomonas campestris
TuMV	Turnip Mosaic Virus	Turnip Mosaic Virus
BL	Black Leg	Phomalingam
TB	Strong against Tip Burn	"Abiotic"
TT	Thrip Tolerant	"Abiotic"

CARROTS**Page 12 - 13**

		5M	25M	100M	250M
0736	Bolero F1	1.95	1.46	1.27	1.17
0714	Mokum F1	2.25	1.69	1.46	1.35
0731	Sugarsnax F1	1.95	1.46	1.27	1.17
0737	Viper F1	1.25	0.94	0.81	0.75

		1/2 oz	1 oz	1/4 lb	1 lb	5 lb
0701	Atomic Red	14.90	22.86	58.48	150.08	146.88
0703	Black Nebula	14.90	22.86	58.48	150.08	146.88
0730	Colored Carrot Combo	14.90	22.86	58.48	150.08	146.88
0708	Cosmic Purple	14.90	22.86	58.48	150.08	146.88
0705	Danvers	—	3.00	7.44	19.04	18.72
0710	Imperator	—	3.55	9.00	23.04	22.56
0707	Little Finger	—	3.55	9.00	23.04	22.56
0709	Lunar White	14.90	22.86	58.48	150.08	146.88
0732	Malbec F1	14.90	22.86	58.48	150.08	146.88
0735	Parisian	3.50	5.36	13.68	34.88	34.24
0726	Purple Elite F1	25.25	38.80	99.44	255.04	n/a
0713	Royal Chantenay	—	3.00	7.44	19.04	18.72
0715	Scarlet Nantes	—	3.00	7.44	19.04	18.72
0717	Solar Yellow	14.90	22.86	58.48	150.08	146.88
0718	Tendersweet	—	3.55	9.00	23.04	22.56
0725	Triton F1	9.95	15.26	39.04	100.16	n/a

CARROTS DISEASE CODES

Code	Disease	Caused By
AB	Alternaria blight	Alternaria dauci
PM	Powdery Mildew	Erysiphe heraclei or Leveillula taurica
CS	Cavity spot	Pythium spp.
BB	Bacterial blight	Xanthomonas hortorum pv. carotae
C	Cercospora blight	Cercospora carotae

CAULIFLOWER**Pages 13 - 14**

		100	1M	5M	25M	100M
0800	Absolute F1	4.60	24.00	23.00	21.90	20.70
0802	Amazing	3.00	13.00	12.00	11.40	10.80
0808	Cheddar F1	19.60	99.00	98.00	93.10	88.20
0809	Clementine F1	19.60	99.00	98.00	93.10	88.20
0807	Depurple F1	19.60	99.00	98.00	93.10	88.20
0804	Flame Star F1	19.60	99.00	98.00	93.10	88.20
0817	Freedom F1	9.80	50.00	49.00	46.60	44.10
0818	Graffiti F1	19.60	99.00	98.00	93.10	88.20
0806	Minuteman F1	4.60	24.00	23.00	21.90	20.70
0829	Rushmore F1	4.20	22.00	21.00	n/a	n/a














		100	1M	5M	25M	100M
0826	Skywalker F1	9.80	50.00	49.00	46.60	n/a
0825	Snow Crown F1	3.00	16.00	15.00	14.30	13.50
0813	Twister F1	4.20	22.00	21.00	20.00	18.90
0821	Veronica F1	11.00	56.00	55.00	52.30	49.50
0835	Vitaverde F1	8.20	42.00	41.00	39.00	36.90
		1 oz	1/4 lb	1 lb		
0811	Romanesco	6.10	15.60	40.00		
0820	Snowball - Self Blanché	5.35	13.64	35.04		
0823	Snowball Y Improved	5.35	13.64	35.04		


CELERIAC		Descriptions on Page 14		
		1M	10M	50M
0925	Brilliant	8.95	7.75	7.50

CELERY		Descriptions on Page 14			
		1/2 oz	1 oz	1/4 lb	1lb
0905	Tall Utah 52-70	3.85	5.90	15.04	38.40

COLLARDS						
		1/4 oz	1/2 oz	1 oz	1/4 lb	1 lb
0955	Champion	— Unavailable for 2024 —				
0963	Georgia Southern	—	—	3.85	9.76	24.96
0962	Jerrnigan	4.25	6.50	10.00	25.60	65.28

Page 15						
		1/4 oz	1/2 oz	1 oz	1/4 lb	1 lb
0964	Top Bunch 2.0 F1	22.20	34.16	52.52	134.56	344.96
0965	Top Chop F1	22.20	34.16	52.52	134.56	344.96






SWEET CORN				
Performance Series & Attribute Bicolor Super-Sweet (Sh2)		2,500	25M	
1103	Anthem XR II Performance Series®	20.95	19.95	
1181	BSS0761 Attribute Plus® 	—	17.95	
1124	Matriarch Attribute II® 	21.95	20.95	
1155	Obsession II Performance Series® 	20.95	19.95	
1120	Patriarch Attribute Plus® 	—	19.95	
1156	Seminis SV9010SA Performance Series® 	20.95	19.95	
1126	Tigershark II Performance Series® 	—	19.95	
Bicolor Super-Sweet (Sh2)		2,500	10M	50M
1165	American Dream	15.80	14.96	14.70
1161	Anthem XR	15.36	14.50	14.26
1112	Bolt XR	15.80	14.96	14.70
1168	Cadence XR	15.80	14.96	14.70
1193	Catalyst XR	15.36	14.50	14.26
1170	Crave F1	11.80	10.96	10.70
1173	Enchanted	11.80	10.96	10.70
1104	Everglades	11.80	10.96	10.70
1169	Hero XR	15.36	14.50	14.26
1176	Ignition	12.80	11.96	11.70
1157	Inspiration	11.80	10.96	10.70
1147	Kate	13.80	12.96	12.70
1166	Kickoff XR	15.80	14.96	14.70
1177	Momentum	12.80	11.96	11.70
1131	Nirvana	12.80	11.96	11.70
1154	Obsession	13.80	12.96	12.70
1179	Octane	12.80	11.96	11.70
1119	Signature XR	15.80	14.96	14.70
1172	Simplicity	10.80	9.96	9.70
1164	Skyray	13.80	12.96	12.70
1111	Solstice	12.80	11.96	11.70
1132	Superb MXR	15.36	14.50	14.26
1178	Velocity	12.80	11.96	11.70
Performance Series & Attribute Bicolor Synergistic (SE-Sh2)		2,500	25M	
1139	BC 0528 Attribute® 	—	14.95	
1199	BC 0805 (BT Providence) Attribute® 	—	14.95	
1167	Quick Trip Attribute II® 	20.95	19.95	
1184	Remedy Attribute II®  	20.95	19.95	
1125	Revision Attribute II® 	21.95	20.95	
1105	Seminis SV9014SB Performance Series® 	18.95	17.95	


Pages 15 - 25				
Bicolor Synergistic (SE-Sh2)		2,500	10M	50M
1101	Allure	11.80	10.96	10.70
1106	Big N' Tender	11.80	10.96	10.70
1114	Cappuccino	11.80	10.96	10.70
1115	Cuppa Joe	11.80	10.96	10.70
1116	Espresso	11.80	10.96	10.70
1108	Essence	11.80	10.96	10.70
1188	Evolution	10.80	9.96	9.70
1123	Kristine	10.80	9.96	9.70
1113	Latte	12.80	11.96	11.70
1122	Montauk	13.80	12.96	12.70
1107	Nectar	10.80	9.96	9.70
1187	Picasso	10.80	9.96	n/a
1146	Primus	13.80	12.96	12.70
1190	Progression	10.80	9.96	9.70
1148	Providence	10.80	9.96	9.70
1133	Quick Start	10.80	9.96	9.70
1109	Serendipity	10.10	9.26	9.00
1185	Spellbound	10.10	9.26	9.00
1130	Sweetness	10.10	9.26	9.00
1174	Temptress	10.80	9.96	9.70
1142	Tenderfoot	11.80	10.96	10.70
1194	Utopia	11.80	10.96	10.70
1182	Vitality	11.80	10.96	10.70
Performance Series Bicolor Sugary Enhanced (SE-SE)		2,500	25M	
1198	Temptation II Performance Series® 	—	17.95	
Bicolor Sugary Enhanced (SE-SE)		2,500	10M	50M
1138	Fastlane	10.80	9.96	9.70
1159	Precious Gem	10.80	9.96	9.70
1197	Temptation	11.80	10.96	10.70
Bicolor Sugary Enhanced (SE-SE)		1 lb	5 lb	25 lb
1136	Ambrosia	16.30	15.25	14.85
1117	Delectable	16.30	15.25	14.85
1152	Peaches & Cream	14.05	13.00	12.60
1195	Trinity	16.30	15.25	14.85
Bicolor Standard (SU)		1 lb	5 lb	25 lb
1110	Butter & Sugar	16.30	15.25	14.85

 Indicated Documents Required: See listed page number.

SWEET CORN *(continued)*

Descriptions on Pages 15 - 25

Performance Series White Super-Sweet (Sh2)					2,500	25M	
1222	Devotion II	Performance Series®			—	18.95	
1201	Starfighter II	Performance Series®			—	18.95	
White Super-Sweet (Sh2)				2,500	10M	50M	100M
1221	Devotion			13.80	12.96	12.70	12.50
1210	Eden			12.80	11.96	11.70	11.50
1290	Freedom MXR			14.80	13.96	13.70	13.50
1250	Glacial			13.80	12.96	12.70	12.50
1295	Leadoff MXR			15.80	14.96	14.70	14.50
1298	Platinum XR			15.80	14.96	14.70	14.50
1275	Silver Thunder			10.80	9.96	9.70	9.50
1276	White Lightning			12.80	11.96	11.70	11.50
1288	Xtra Tender 3473			14.80	13.96	13.70	13.50
Performance Series & Attribute Yellow Super-Sweet (Sh2)					2,500	25M	
1003	Crown II	Attribute Plus®			21.95	20.95	
1066	Passion II	Performance Series®			—	18.95	
1002	Protector	Attribute II®			20.95	19.95	
Yellow Super-Sweet (Sh2)				2,500	10M	50M	100M
1097	Icon XR			15.80	14.96	14.70	14.50
1092	Moonshine			11.80	10.96	10.70	10.50
1063	Northern Xtra Sweet			11.80	10.96	10.70	10.50
1064	Passion			14.36	13.50	13.26	13.06
1096	Sprinter F1			12.80	11.96	11.70	11.50
1093	Takeoff F1			15.80	14.96	14.70	14.50
1095	Vista XR			11.80	10.96	10.70	10.50
Yellow Synergistic (SE-Sh2)				2,500	10M	50M	100M
1013	Café			12.80	11.96	11.70	11.50
1026	Gold Standard			10.80	9.96	9.70	9.50
1027	Honey Select			10.80	9.96	9.70	9.50
1072	Inferno			10.80	9.96	9.70	9.50

Attribute White Synergistic (SE-Sh2)				2,500	25M
1266	Milky Way	Attribute II®		20.95	19.95
White Synergistic (SE-Sh2)				2,500	10M 50M 100M
1207	Avalon			10.80	9.96 9.70 9.50
1204	Diamond Mine			10.80	9.96 9.70 9.50
1226	Illusion			11.80	10.96 10.70 10.50
1231	Mirage			11.80	10.96 10.70 10.50
White Sugary Enhanced (SE & SE-SE)				1 lb	5 lb 25 lb 50 lb
1206	Argent R/M			16.30	15.25 14.85 14.55
1265	Silver King			21.00	19.95 19.55 19.25
White Standard (SU)				1 lb	5 lb 25 lb 50 lb
1272	Silver Queen			17.00	15.95 15.55 15.25
Yellow Sugary Enhanced (SE & SE-SE)				1 lb	5 lb 25lb 50 lb
1012	Bodacious			15.00	13.95 13.55 13.25
1021	Gold Nuggets			20.00	18.95 18.55 18.25
1034	Incredible			15.00	13.95 13.55 13.25
1042	Kandy Korn			21.00	19.95 19.55 19.25
1081	Sugar Buns			17.00	15.95 15.55 15.25
Red Standard (SU)				1 lb	5 lb 25lb 50 lb
1099	Double Red			30.00	28.95 28.55 28.25

SWEET CORN DISEASE CODES

CODE	DISEASE	CAUSED BY
Bm:	Southern Corn Leaf Blight	Bipolaris maydis (=Helminthosporium maydis)
MDMV:	Maize Dwarf Mosaic Virus	Maize Dwarf Mosaic Virus
NCLB:	Northern Corn Leaf Blight	Exserohilum turcicum
Ps:	Common rust	Puccinia sorghi controlled by the Rp1-d, e, g, and l genes
Pst:	Stewart's Wilt caused by	Pantoea stewartii (=Erwinia stewartii)
SCMV:	Sugarcane mosaic virus	Sugarcane mosaic virus
Um:	Common smut	Ustilago maydis

ORNAMENTAL / BROOM / POPCORN

Pages 26 - 27

		1 oz	1/4 lb	1 lb	5 lbs	10 lbs
1323	American Pride F1	—	6.65	16.96	14.96	14.20
1322	American Way F1	—	6.65	16.96	14.96	14.20
1325	Apache Pride F1	—	6.65	16.96	14.96	14.20
1324	Autumn Explosion F1	—	6.65	16.96	14.96	14.20
1329	Autumn Fireworks F1	—	6.65	16.96	14.96	14.20
1327	Bloody Butcher	—	6.65	16.96	14.96	14.20
1333	Carousel	—	6.25	15.96	13.96	13.20
1331	Cherry Berry F1	—	8.60	22.00	20.00	19.24
1335	Earth Tones Dent	—	6.65	16.96	14.96	14.20
1337	Fiesta F1	—	5.85	14.96	12.96	12.20
1399	Firecracker F1	—	6.95	17.76	15.76	15.00
1348	Glass Gem	5.35	13.64	35.04	32.96	32.32
1338	Gorgeous Indian F1	—	6.65	16.96	14.96	14.20
1339	Green & Gold Dent	—	6.65	16.96	14.96	14.20
1342	Maiden's Rainbow Improved F1	—	6.65	16.96	14.96	14.20
1396	Mixed Colors Broom	—	10.95	27.96	25.96	25.20

		1 oz	1/4 lb	1 lb	5 lbs	10 lbs
1353	Neal's Paymaster White Dent	—	10.95	27.96	25.96	25.20
1301	R400MR F1 (Carmel Crisp)	—	8.95	22.84	20.84	20.12
1302	Rainbow Giant F1	—	6.65	16.96	14.96	14.20
1389	Rainbow Mini	—	8.95	22.84	20.84	20.12
1364	Rainbow Rays F1	—	6.65	16.96	14.96	14.20
1398	Red Broom	—	10.95	27.96	25.96	25.20
1374	Red Stalker	—	6.65	16.96	14.96	14.20
1341	Rio Grande Blue	—	6.65	16.96	14.96	14.20
1320	Robust Ruby Red F1	—	13.65	35.00	33.00	32.24
1317	Robust White F1	—	6.95	17.76	15.76	15.00
1313	Robust Yellow F1	—	6.95	17.76	15.76	15.00
1303	Shades of Blue	—	8.60	22.00	20.00	19.24
1321	Shaman's Blue F1	—	9.00	23.00	21.00	20.24
1380	Strawberry	—	6.65	17.00	15.00	14.24
1307	Strawberry De-Lite F1	—	8.60	22.00	20.00	19.24

Prices per M or per lb

"M" = 1,000 Seeds

lb = Pound



CUCUMBERS - SLICERS

		50	100	500	1M	5M	15M
1429	Brickyard F1 	—	—	14.95	23.00	22.10	20.70
1405	Bristol F1 	—	—	14.95	23.00	22.10	20.70
1484	Cobra F1	—	—	14.30	21.96	21.10	19.80
1459	Cool Breeze F1 	6.30	9.00	29.30	45.00	43.20	40.60
1407	Dasher II F1 	—	—	10.40	16.00	15.40	14.40
1431	Diomedea F1 	—	6.20	20.15	31.00	29.80	27.90
1408	Diva F1	—	—	16.25	25.00	24.00	22.50
1410	Fanfare F1	8.40	12.00	39.00	60.00	57.60	54.00
1401	Kosara F1	9.95	14.20	46.20	71.00	68.20	64.00
1434	Raceway F1	—	—	16.25	25.00	24.00	22.50
1435	Southern Delight F1	—	8.20	26.65	41.00	39.40	36.90
1440	Speedway F1 	—	—	11.05	17.00	16.36	15.30
1483	Summer Dance F1	6.30	9.00	29.30	45.00	43.20	40.60
1487	Superior F1	—	—	14.30	21.96	21.10	19.80





Indicates Seed is available with FarMore®

Descriptions on Pages 28 - 29

		50	100	500	1M	5M	15M
1444	Sweet Slice F1	11.50	16.40	53.30	82.00	78.80	73.80
1485	Sweet Success F1 	24.50	35.00	113.80	175.00	168.00	157.60
1445	Tasty Green F1 	—	—	18.85	29.00	27.86	26.10
		1 oz	1/4 lb	1 lb	5 lbs		
1416	Armenian-Pale Green	3.00	7.04	18.08	17.12		
1420	Beit Alpha CMR/MMR	3.00	7.04	18.08	17.12		
1402	Bush Crop	12.95	33.16	84.96	80.80		
1409	Early Spring Burpless F1	14.95	38.24	98.08	93.12		
1412	Garden Sweet Burpless F1	14.95	38.24	98.08	93.12		
1419	Lemon	3.05	7.80	20.00	19.04		
1418	Marketmore 76	3.85	9.76	24.96	23.68		
1421	Muncher	3.85	9.76	24.96	23.68		
1439	Spacemaster 80	3.85	9.76	24.96	23.68		
1446	Straight 8	3.85	9.76	24.96	23.68		
1447	Straight 8 Elite F1	14.95	38.24	98.08	93.12		
1436	Suyo Long	12.95	33.16	84.96	80.80		

CUCUMBERS - PICKLES

Pages 29 - 30

		50	100	500	1M	5M	15M
1459	Cool Breeze F1 	6.30	9.00	29.30	45.00	43.20	40.60
1451	Cross Country F1 	—	—	11.05	17.00	16.36	15.30
1466	Espirit F1 	—	—	14.95	23.00	22.10	20.70
1452	Eureka F1 	—	—	14.95	23.00	22.10	20.70
1453	Fancipak F1 	— Unavailable for 2024 —					
1479	Gherking F1	8.85	12.60	41.00	63.00	60.60	56.80
1411	Mexican Sour Gherkin	3.50	5.00	16.30	25.00	24.00	22.60
1467	Pick-A-Bushel F1	—	—	8.45	13.00	12.50	11.70
1413	Picolino F1	49.00	70.00	227.50	350.00	336.00	315.00
1477	Puccini F1 	6.30	9.00	29.30	45.00	43.20	40.60
1472	Regal F1	—	—	11.70	18.00	17.30	16.20
1486	Super Max F1	—	—	11.05	17.00	16.36	15.30
1463	Supremo F1 	—	—	12.35	19.00	18.26	17.10
1481	Vlasstar F1 	—	—	8.45	13.00	12.50	11.70
		1/2 oz	1 oz	1/4 lb	1 lb	5 lbs	
1458	Arkansas Little Leaf	7.85	12.06	30.88	79.04	75.20	
1460	Bush Pickle	9.85	15.10	38.64	98.88	94.08	
1450	Calypso F1	—	4.65	13.52	39.04	37.12	
1465	Carolina F1	—	4.65	13.52	39.04	37.12	
1456	County Fair F1	9.85	15.10	38.64	98.88	94.08	

		1/2 oz	1 oz	1/4 lb	1 lb	5 lbs
1455	Homemade Pickles	—	3.00	8.64	24.96	23.68
1464	National Pickler	—	3.00	8.64	24.96	23.68
1473	Parisian Pickle	7.85	12.06	30.88	79.04	75.20
1475	Pioneer F1	—	4.65	13.52	39.04	37.12

CUCUMBER

CODE	DISEASE	CAUSED BY
A:	Anthracoze	Specified strains
BW:	Bacterial Wilt	Erwinia tracheiphila
Cca:	Target leaf spot	Corynespora cassiicola
Ccu:	Scab	Cladosporium cucumerinum
CGMMV:	Cucumber green mottle	Cucumber green mottle mosaic virus
CMV:	Cucumber mosaic virus	Cucumber mosaic virus
CVYV	Cucumber Vein Yellowing Virus	Cucumber Vein Yellow Virus
DM:	Downy Mildew	Pseudoperonospora cubensis
PM:	Powdery mildew	Erysiphe cichoracearum or Sphaerotheca fuliginea
PRSV:	Papaya ringspot	Papaya ringspot virus
PsI:	Angular leaf spot	Pseudomonas syringae pv. Lachrymans
WMV:	Watermelon mosaic virus	Watermelon mosaic virus
ZYMV:	Zucchini yellow mosaic	Zucchini yellow mosaic virus

EGGPLANT

Page 31

		500	1M	5M	25M
1501	Black Shine F1	7.15	11.00	10.36	9.90
1502	Classic F1	16.90	26.00	24.46	23.40
1509	Dusky SG F1	9.75	15.00	14.10	13.50
1508	Eclipse F1	4.55	7.00	6.60	6.30
1511	Epic F1	9.75	15.00	14.10	13.50
1534	Gaudi F1	18.85	29.00	27.30	26.10
1522	Listada de Gandia	9.75	15.00	14.10	13.50
1520	Millionaire F1	8.45	13.00	12.26	11.70
1532	Patio Purple Bush	4.55	7.00	6.60	6.30
1524	Prosperosa	4.55	7.00	6.60	6.30
1525	Purple Fingers	4.55	7.00	6.60	6.30

		500	1M	5M	25M
1514	Rosa Bianca	3.90	6.00	5.66	5.40
1518	Santana F1	13.00	20.00	18.80	18.00
1531	Shikou F1	18.85	29.00	27.30	n/a
1521	Shoya Long F1	8.45	13.00	12.26	11.70
1533	Snowy	7.15	11.00	10.36	9.90
1519	Turkish Orange	4.55	7.00	6.60	6.30
1529	White Star F1	4.55	7.00	6.60	6.30

EGGPLANT DISEASE CODES

CODE	DISEASE	CAUSED BY
TMV	Tobacco Mosaic Virus	Tobacco mosaic tobamovirus
ToMV	Tomato mosaic	Tomato mosaic tobamovirus

ENDIVE & ESCAROLE**Descriptions on Page 32**

		1 oz	1/4 lb	1 lb	5 lbs
1620	Tres Fine (Endive)	6.10	15.60	40.00	38.08
1610	Frisee (Endive)	6.10	15.60	40.00	38.08

		1 oz	1/4 lb	1 lb	5 lbs
1650	Broadleaf Batavian (Escarole)	3.05	7.80	20.00	19.04
1600	Salad King (Endive)	6.10	15.60	40.00	38.08

GOURDS**Pages 32 - 34**

		100	500	1M
1752	American Wings - Small 	5.55	17.85	29.30
1752U	American Wings - Small (untreated)	4.40	14.05	23.00
1750	American Wings - Large 	5.55	17.85	29.30
1750U	American Wings - Large (untreated)	4.40	14.05	23.00
1717	Autumn Wings - Small	5.55	17.85	29.30
1718	Autumn Wings - Medium	5.55	17.85	29.30
1719	Autumn Wings - Large	5.55	17.85	29.30
1722	Autumn Wings - Blend	5.55	17.85	29.30
1744	Beetlejuice F1	33.10	106.75	175.00
1743	Carle's Kaleidoscope	22.70	73.20	120.00
1789	Crowns 	33.90	109.20	179.00
1709	Daisy Mix	11.35	36.60	60.00
1706	Dancing/Spinning	6.65	21.35	35.00
1716	Galaxy of Stars F1 	16.85	54.30	89.00
1787	Gizmo 	19.90	64.05	105.00
1732	Goonies 	29.35	94.55	155.00
1721	Gremlins 	23.65	76.25	125.00
1737	Harvest Flowers F1	6.65	21.35	35.00
1785	Hoargarth 	19.90	64.05	105.00
1747	Ivory Belle F1	19.90	64.05	105.00
1733	Monster Mix F1	6.65	21.35	35.00
1788	Queens 	33.10	106.75	175.00
1742	Santa Claus	8.55	27.45	45.00
1776	Super Wings-Small F1 	19.90	64.05	105.00
1776U	Super Wings-Small F1 (untreated)	17.60	56.75	93.00
1775	Super Wings-Large F1 	19.90	64.05	105.00
1775U	Super Wings-Large F1 (untreated)	17.60	56.75	93.00

		1 oz	1/4 lb	1 lb	5 lbs
1700	African Wine Kettle	22.85	58.52	150.08	142.56
1702	Big Apple	12.95	33.16	84.96	80.80
1701	Birdhouse/Large bottle	11.45	29.24	75.04	71.20
1705	Bottle - Baby	11.45	29.24	75.04	71.20
1707	Bottle - Martin House	11.45	29.24	75.04	71.20
1704	Bule ("boo-Lay")	14.45	37.04	95.04	90.24
1708	Bushel	12.95	33.16	84.96	80.80
1727	Corsican	13.70	35.12	90.08	85.44
1781	Crafters Mix	11.45	29.24	75.04	71.20
1712	Dinosaur (Maranka)	12.95	33.16	84.96	80.80
1739	Harvest Wings Bush F1	16.75	42.92	110.08	104.48
1715	Italian Edible ("Cucuzzi")	12.95	33.16	84.96	80.80
1731	Lunch Lady	22.10	56.56	144.96	137.76
1735	Ornamental Small Mix	9.15	23.40	60.00	56.96
1745	Shenot Crown of Thorns	14.45	37.04	95.04	90.24
1767	Snake	12.95	33.16	84.96	80.80
1773	Swan/Goose	14.45	37.04	95.04	90.24
1774	Tiny Turk	12.95	33.16	84.96	80.80
1779	Xtra Long Handled Dipper	11.45	29.24	75.04	71.20

GOURD DISEASE CODES

CODE	DISEASE	CAUSED BY
CMV:	Cucumber mosaic	Cucumber mosaic cucumovirus
PRSV:	Papaya ringspot	Papaya ringspot potyvirus
PM:	Powdery Mildew	Sphaerotheca fuliginea
SLCV:	Squash Leaf Curl Virus	Squash Leaf Curl Virus
WMV:	Watermelon mosaic	Watermelon mosaic potyvirus
ZYMV:	Zucchini yellows	Zucchini yellow mosaic potyvirus



Indicates Seed is available with FarMore®

GROUND CHERRY**Page 34**

		100	500	1M	5M
1799	Aunt Molly's	3.00	3.90	6.00	5.80

HERBS**Pages 35 - 36**

		1/2 oz	1 oz	1/4 lb	1 lb
1801	Arugula	—	3.85	9.76	24.96
1802	Arugula - Astro	—	5.95	15.24	39.04
1803	Arugula - Runway	—	5.95	15.24	39.04
1804	Basil - Genovese	—	3.85	9.76	24.96
1810	Basil - Lemon	7.85	12.06	30.88	79.04
1807	Basil - Red Rubin	7.85	12.06	30.88	79.04
1805	Basil - Sweet - Italian Large	—	3.85	9.76	24.96
1816	Borage	—	3.85	9.76	24.96
1818	Catnip	4.90	7.50	19.12	48.96
1871	Chamomile - German	6.90	10.56	26.96	69.12
1820	Chives	4.90	7.50	19.12	48.96
1825	Coriander/Cilantro - Leisure	—	3.05	7.80	20.00

		1/2 oz	1 oz	1/4 lb	1 lb
1830	Coriander/Cilantro - Santo	—	3.05	7.80	20.00
1835	Dill - Bouquet	—	3.05	7.80	20.00
1842	Dill - Dukat	—	3.05	7.80	20.00
1845	Fennel - Florence	—	3.85	9.76	24.96
1848	Garlic Chives	4.90	7.50	19.12	48.96
1850	Lavender	14.90	22.86	58.48	150.08
1853	Lemon Balm	7.85	12.06	30.88	79.04
1872	Lemon Mint	8.95	13.70	35.12	89.92
1873	Mint - Common	22.30	34.26	87.76	224.96
1851	Oregano - Italian	12.80	19.66	50.32	128.96
1860	Sage - Broadleaf	8.95	13.70	35.12	89.92
1870	Thyme - Common	12.80	19.66	50.32	128.96

KALE

Descriptions on Page 36 - 37

		1M	10M	50M			1 oz	1/4 lb	1 lb	5 lbs
1910	Black Magic	2.00	1.50	1.25	1902	Dazzling Blue F1	7.65	19.52	50.08	n/a
1900	Blue Ridge F1	14.00	13.00	12.00	1901	Dwarf Blue Scotch Vates	3.05	7.80	20.00	19.04
1916	Casper	— Unavailable for 2024 —			1903	Improved Dwarf Siberian	3.05	7.80	20.00	19.04
1908	Darkibor F1	14.00	13.00	12.00	1906	Lacinato (Dinosaur)	3.05	7.80	20.00	19.04
1920	Kale Kaleidoscope	5.00	4.50	4.25	1904	Premier	3.05	7.80	20.00	19.04
1918	Prizm F1	16.00	15.00	14.00	1905	Red Russian	3.05	7.80	20.00	19.04
1912	Redbor F1	33.00	32.00	31.00	1911	White Russian	3.05	7.80	20.00	19.04
1907	Winterbor F1	14.00	13.00	12.00						

KOHLRABI

Page 37

		1M	5M	25M			1 oz	1/4 lb	1 lb
1957	Kossak F1	44.55	42.00	41.80	1956	Early Purple Vienna	3.05	7.80	20.00
1959	Quickstar F1	10.10	9.50	9.30	1951	White Vienna	3.05	7.80	20.00
1958	Winner Improved F1	10.10	9.50	9.30					

LEEK

Page 37

		1M	10M	50M			1 oz	1/4 lb	1 lb
2006	Rally F1	39.75	26.50	26.45	2002	Giant Musselburgh	6.85	17.56	44.96
2009	Tadorna	9.75	6.50	6.45	2001	American Flag	3.85	9.76	24.96

LETTUCE

Pages 38 - 40

Looseleaf			1M	5M	25M	100M	Cos / Romaine			1M	5M	25M	100M
2104-P	Muir - Pelleted		21.00	12.00	11.40	10.80	2152-P	Teton - Pelleted		5.25	3.00	2.85	2.70
Looseleaf		1/2 oz	1 oz	1/4 lb	1 lb	5lbs	Cos / Romaine		1/2 oz	1 oz	1/4 lb	1 lb	5lbs
2105	Black Seeded Simpson	—	3.05	7.80	20.00	19.04	2170	Giant Caesar	5.20	8.00	20.40	52.16	49.60
2113	Grand Rapids TBR	—	3.05	7.80	20.00	19.04	2171	Little Caesar	5.20	8.00	20.40	52.16	49.60
2119	Green Ice	—	3.05	7.80	20.00	19.04	2159	Outredgeous	5.20	8.00	20.40	52.16	49.60
2120	Lolla Rossa Dark	5.00	7.66	19.52	49.92	47.36	2150	Parris Island COS	—	3.05	7.80	20.00	19.04
2127	Oakleaf	—	3.05	7.80	20.00	19.04	2153	Red Romaine	—	3.05	7.80	20.00	19.04
2129	Prizehead	—	3.05	7.80	20.00	19.04	2154	Rouge D'Hiver	—	3.05	7.80	20.00	19.04
2132	Red Sails	4.65	7.10	18.24	46.40	44.16	2151	Super Red Romaine	—	4.35	11.16	28.48	27.04
2135	Red Tango	3.15	4.80	12.24	31.36	29.76	2149	Vivian	4.65	7.10	18.24	46.40	44.16
2137	Ruby	—	3.05	7.80	20.00	19.04	2166	Winter Destiny	—	3.05	7.80	20.00	19.04
2138	Salad Bowl - Green	—	3.05	7.80	20.00	19.04	Iceberg / Crisphead		1/2 oz	1 oz	1/4 lb	1 lb	5lbs
2139	Salad Bowl - Red	—	3.05	7.80	20.00	19.04	2175	Great Lakes 118	4.65	7.10	18.24	46.40	44.16
2140	Simpson Elite	3.15	4.80	12.24	31.36	29.76	2107	Iceberg	—	3.05	7.80	20.00	19.04
2134	Tango	—	3.65	9.32	n/a	n/a	2101	Ithaca	9.85	15.10	38.64	98.88	94.08
2144	Waldmann's Green	3.15	4.80	12.24	31.36	n/a	2103	Summertime	9.85	15.10	38.64	98.88	94.08
Bibb / Boston / Butterhead		1/2 oz	1 oz	1/4 lb	1 lb	5lbs	LETTUCE DISEASE CODES						
2158	Buttercrunch	—	3.05	7.80	20.00	19.04	CODE	DISEASE		CAUSED BY			
2167	Merveille Four Seasons	—	3.05	7.80	20.00	19.04	TB	Tip Burn		Physiological disorder			
2157	Michelle	9.85	15.10	38.64	98.88	94.08	LMV	Lettuce Mosaic virus		Lettuce Mosaic virus			
2163	Nevada	9.85	15.10	38.64	98.88	94.08	TBSV	Lettuce Dieback Complex		Tomato bushy stunt virus			
2165	Summer Bibb	—	3.05	7.80	20.00	19.04	Nr	Lettuce Leaf Aphid		Parasite - Nasonovia ribisnigri aphid			
2164	Summer Colors Bibb Blend	4.65	7.10	18.24	46.40	44.16	DM	Downy Mildew		Bremia Latucae			
Variety Blends		1/2 oz	1 oz	1/4 lb	1 lb	5lbs	BR	Black Rot		Xanthomonas campestris pv. campestris			
2108	Bon Vivant Blend	4.65	7.10	18.24	46.40	44.16	LNSV	Lettuce Dieback Complex		Lettuce necrotic stunt virus			
2118	Heirloom Cutting Mixture	5.20	8.00	20.40	52.16	49.60							

MELONS**Descriptions on Pages 40 - 43**

Hybrid Canteloupe		100	500	1M	5M	15M
2249	Accolade F1 	22.40	72.80	112.00	106.40	101.10
2202	Afterglow F1	13.80	44.85	69.00	65.60	62.30
2205	Alaniz Gold F1	5.80	18.85	29.00	27.60	26.20
2204	Ambrosia F1 	21.60	70.20	108.00	102.60	97.50
2200	Aphrodite F1	19.80	64.35	99.00	94.10	89.40
2250	Astound F1 	21.60	70.20	108.00	102.60	97.50
2201	Athena F1 	19.80	64.35	99.00	94.10	89.40
2206	Atlantis F1	11.00	35.75	55.00	52.30	49.70
2207	Avatar F1	13.80	44.85	69.00	65.60	62.30
2213	Burpee Hybrid F1 	19.80	64.35	99.00	94.10	89.40
2214	Damaris F1	27.00	87.75	135.00	128.30	121.90
2230	El Gordo F1	15.80	51.35	79.00	75.10	71.30
2246	Goddess F1	13.80	44.85	69.00	65.60	62.30
2248	Hannah's Choice F1	13.00	42.25	65.00	61.80	58.70
2262	Infinite Gold F1	27.00	87.75	135.00	128.30	121.90
2278	Orange Sherbet F1	9.60	31.20	48.00	45.60	43.40
2281	Rockstar F1	13.80	44.85	69.00	65.60	62.30
2292	Solstice F1	13.80	44.85	69.00	65.60	62.30
2293	Sugar Cube F1	15.00	48.75	75.00	71.30	67.70
2299	Sugar Rush F1	15.00	48.75	75.00	71.30	67.70
2295	Thunderstruck F1	15.00	48.75	75.00	71.30	67.70
2296	Verona F1	13.00	42.25	65.00	61.80	58.70

Hybrid Mixed / Specialty		100	500	1M	5M	15M
2253	Aspire F1	5.00	16.25	25.00	23.80	22.60
2221	Da Vinci F1	10.00	32.50	50.00	47.50	45.20
2284	Dewlightful F1	11.00	35.75	55.00	52.30	49.70
2211	Diplomat F1	8.40	27.30	42.00	39.90	n/a
2229	Earli-Dew F1 	19.80	64.35	99.00	94.10	89.40
2251	Full Moon F1	13.80	44.85	69.00	65.60	62.30
2294	Grand Prix F1	19.80	64.35	99.00	94.10	89.40
2261	Halo F1	15.80	51.35	79.00	75.10	71.30
2267	Lilly F1	9.60	31.20	48.00	45.60	43.40
2208	Marvelous F1	5.00	16.25	25.00	23.80	22.60
2245	Orange Beauty F1	27.00	87.75	135.00	n/a	n/a
2298	Tasty Bites F1	15.00	48.75	75.00	71.30	n/a
2291	Tweety F1	10.40	33.80	52.00	49.40	47.00
2297	Whimsy F1	5.00	16.25	25.00	23.80	22.60
Open Pollinated		1 oz	1/4 lb	1 lb	5lbs	
2225	Delicious 51	3.10	9.00	26.08	24.64	
2258	Hales Best 45 PMR	3.10	9.00	26.08	24.64	
2257	Hales Best Jumbo	3.10	9.00	26.08	24.64	
2280	Honeydew Green Flesh	3.10	9.00	26.08	24.64	
2266	Honeyrock	3.10	9.00	26.08	24.64	
2270	Iroquois	3.10	9.00	26.08	24.64	
2283	Yellow Canary	3.10	9.00	26.08	24.64	

MELON DISEASE CODES

CODE	DISEASE	CAUSED BY
CMV	Cucumber Mosaic Virus	Cucumber Mosaic Virus
PM	Powdery Mildew	Erysiphe cichoracearum
Fom	Fusarium	Fusarium oxysporum f. sp. Melonis

MUSTARD**Page 44**

		1/4 lb	1 lb	5 lb	25 lbs
2301	Florida Broadleaf	4.40	11.00	10.44	9.96
2303	Green Wave	6.00	15.00	14.24	13.56
2304	Mizuna	6.00	15.00	14.24	13.56
2315	Old Fashioned	4.40	11.00	10.44	9.96

		1/4 lb	1 lb	5 lb	25 lbs
2308	Red Giant	6.00	15.00	14.24	13.56
2309	Red Streaked Mizuna	8.00	20.00	19.00	n/a
2320	Southern Giant Curled	4.40	11.00	10.44	9.96

OKRA**Page 44**

		500	1M	5M	25M
2523	Jambalaya 2.0 F1	13.65	21.00	19.96	17.96
		1/4 lb	1 lb	5lbs	
2510	Clemson Spineless	3.90	10.00	9.52	
2520	Emerald	3.90	10.00	9.52	

		1/4 lb	1 lb	5lbs	
2521	Hill Country Red	7.05	18.00	17.12	
2522	Jade	7.05	18.00	17.12	
2517	Louisiana Green Velvet	— Call for Availability —			
2525	Red Burgundy	5.85	15.00	14.24	

ONIONS

Descriptions on Pages 44 - 46

Bulb		1M	5M	25M	100M
2408	Ailsa Craig Exhibition	5.40	4.10	3.70	3.45
2400	Candy F1	6.60	5.05	4.55	4.20
2400P	Candy F1 - Pelleted	6.90	5.25	4.75	4.40
2424	Pecos F1	7.95	6.00	5.45	5.05
2481	Red Canyon F1	7.95	6.00	5.45	5.05
2418	Red Nugent F1	8.95	6.80	6.15	5.70
2406	Scorpion F1	5.40	4.10	3.70	3.45
2468	Seminis SV4643NT F1	8.95	6.80	6.15	5.70
2472	Sierra Blanca (Superstar) F1	7.95	6.00	5.45	5.05
Bunching		1M	5M	25M	100M
2403	Deep Purple	5.40	4.10	3.70	3.45
Shallot		1M	5M	25M	100M
2499	Zebrune	5.40	4.10	3.70	3.45

Bulb		1/2 oz	1 oz	1/4 lb	1 lbs
2404	Borettana (Cipollini)	9.40	14.46	37.04	95.04
2407	Cipollini Red	9.40	14.46	37.04	95.04
2405	Gold Coin	11.40	17.50	44.88	114.88
2465	Red Burgundy	—	7.50	19.16	48.96
2410	Walla Walla Sweet	11.40	17.50	44.88	114.88
2415	Yellow Sweet Spanish	—	7.50	19.16	48.96
Bunching		1/2 oz	1 oz	1/4 lb	1 lbs
2411	Crystal White Wax Pearl	—	7.50	19.16	48.96
2417	Evergreen Bunching	—	7.50	19.16	48.96
2455	Ishikura Improved	—	7.50	19.16	48.96
2473	Tokyo Long White	—	7.50	19.16	48.96
2476	Warrior	8.45	12.96	33.12	85.12

ONION DISEASE CODES		
CODE	DISEASE	CAUSED BY
PR	Pink root rot	Pyenochaela terrestris
FBR	Fusarium basal rot	Fusarium oxysporum f. sp. Cepae

PARSLEY		Page 46			
		1 oz	1/4 lb	1 lb	5lbs
2605	Giant of Italy	3.20	8.20	20.96	20.64
2615	Parsley Garden Blend	3.20	8.20	20.96	20.64
2620	Italian Plain	3.20	8.20	20.96	20.64
2601	Forest Green	3.20	8.20	20.96	20.64
2625	Overwinter Plain	3.85	9.76	24.96	24.48

PARSNIPS		Page 46			
		1 oz	1/4 lb	1 lb	5lbs
2705	All American	3.05	7.80	20.00	19.68

PEAS		Pages 47 - 48			
Shelling		1 lb	5 lb	25 lb	50 lb
2800	Alderman - Tall Telephone	6.45	4.95	4.85	4.75
2801	Bolero	6.00	4.50	4.40	4.30
2803	Dakota	6.00	4.50	4.40	4.30
2804	Dual	6.45	4.95	4.85	4.75
2808	Early Freezer 680	6.95	5.45	5.35	5.25
2813	Early Frosty	6.45	4.95	4.85	4.75
2824	Green Arrow	6.45	4.95	4.85	4.75
2827	Knight	6.45	4.95	4.85	4.75
2829	Lincoln	6.45	4.95	4.85	4.75
2835	Little Marvel	6.95	5.45	5.35	5.25
2841	Maestro - Roger's Strain	6.95	5.45	5.35	5.25
2842	Mr. Big	9.45	7.95	7.85	7.75
2806	PLS 595	6.45	4.95	4.85	4.75
2867	Progress No. 9	6.45	4.95	4.85	4.75
2802	Serge	6.45	4.95	4.85	4.75
2879	Spring	6.00	4.50	4.40	4.30
2898	Wando	6.00	4.50	4.40	4.30
Edible Pod - Snow		1 lb	5 lb	25 lb	50 lb
2888	Avalanche	6.95	5.45	5.35	5.25
2810	Dwarf Gray Sugar	6.00	4.50	4.40	4.30
2805	Dwarf White Sugar	6.45	4.95	4.85	4.75
2856	Oregon Giant	6.45	4.95	4.85	4.75
2857	Oregon Sugar Pod II	6.45	4.95	4.85	4.75
Edible Pod - Snap		1 lb	5 lb	25 lb	50 lb
2881	Cascadia	6.45	4.95	4.85	4.75
2894	Snak Hero	6.95	5.45	5.35	5.25
2883	Sugar Ann (Treated)	6.95	5.45	5.35	5.25
2884	Sugar Ann (Untreated)	6.95	5.45	5.35	5.25
2887	Sugar Daddy	6.95	5.45	5.35	5.25
2891	Sugar Snap	6.95	5.45	5.35	5.25
2893	Sugar Sprint	6.95	5.45	5.35	5.25
2892	Super Sugar Snap	7.45	5.95	5.85	5.75

PEA DISEASE CODES		
CODE	DISEASE	CAUSED BY
BYM	Bean Yellow Mosaic Virus	Bean Yellow Mosaic Virus
CW	Common Wilt	Physiological disorder
PEMV	Pea Enation Mosaic Virus	Pea Enation Mosaic Virus
PM	Powdery Mildew	Erysiphe pisi
F	Fusarium Wilt	F. oxysporum f. sp. pisi

SOUTHERN PEAS (COW PEAS)		Page 49			
		1 lb	5 lb	25 lb	50 lb
0285	Black Eye	7.45	5.95	5.85	5.75
0272	Mississippi Pinkeye Purple Hull	8.45	6.95	6.85	6.75
0242	Mississippi Purple Brown Crowder	8.45	6.95	6.85	6.75
0280	Top Pick Brown Crowder	8.45	6.95	6.85	6.75
0281	Top Pick Cream	8.45	6.95	6.85	6.75
0283	Top Pick Pinkeye	8.45	6.95	6.85	6.75

SWEET PEPPERS - HYBRID

Sweet Bell Green to Red	100	500	1M	5M	25M	50M
5012 Antebellum X10R® F1	27.80	90.35	139.00	134.90	128.20	121.80
5015 Aristotle X3R F1	23.80	77.35	119.00	115.50	109.70	104.30
5015-P Aristotle X3R F1 - Pelleted	24.00	78.00	120.00	116.40	110.60	105.10
5030 Big Bertha F1	15.40	50.05	77.00	74.70	71.00	67.50
5020 Blitz F1	16.40	53.30	82.00	79.60	75.60	71.90
5006 Cougar F1	7.80	25.35	39.00	37.90	36.00	34.20
5060 Galileo F1	16.40	53.30	82.00	79.60	n/a	n/a
5013 Green Machine F1	27.80	90.35	139.00	134.90	128.20	121.80
5125 King Arthur (Fat 'N Sassy) F1	15.40	50.05	77.00	74.70	71.00	67.50
5129 Lady Bell F1	18.40	59.80	92.00	89.30	84.80	80.60
5134 Majestic Red F1	16.40	53.30	82.00	79.60	75.60	71.90
5069 Mercer F1	21.80	70.85	109.00	105.80	100.50	95.50
5148 Paladin F1	18.40	59.80	92.00	89.30	84.80	80.60
5002 Playmaker F1	25.80	83.85	129.00	125.20	118.90	113.00
5153 Red Bull F1	11.80	38.35	59.00	57.30	54.40	51.70
5154 Red Knight F1	19.40	63.05	97.00	94.10	89.40	85.00
5157 Revolution F1	19.40	63.05	97.00	94.10	89.40	85.00
5152 Sailfish F1	25.80	83.85	129.00	125.20	118.90	113.00
5007 Samurai S10 F1	21.80	70.85	109.00	105.80	100.50	95.50
5156 Seminis PS09979325 F1	19.80	64.35	99.00	96.10	91.30	86.70
5003 Snackabelle F1	16.40	53.30	82.00	79.60	75.60	71.90
5017 Tarpon F1	27.00	87.75	135.00	131.00	124.50	118.30
5172 Touchdown F1	13.00	42.25	65.00	63.10	59.90	57.00
5016 Turnpike F1	25.80	83.85	129.00	125.20	118.90	113.00
Snack	100	500	1M	5M	25M	50M
5001 Candy Cane Chocolate Cherry F1	25.80	83.85	129.00	125.20	118.90	113.00
5004 Candy Cane Red F1	25.80	83.85	129.00	125.20	118.90	113.00
5286 Sweetie TZ Mix F1	37.00	120.25	185.00	179.50	170.50	162.00
5287 Sweetie TZ Orange F1	37.00	120.25	185.00	179.50	170.50	162.00
5288 Sweetie TZ Red F1	37.00	120.25	185.00	179.50	170.50	162.00
5289 Sweetie TZ F1 Yellow F1	37.00	120.25	185.00	179.50	170.50	162.00

Descriptions on Pages 49 - 53

Assorted	100	500	1M	5M	25M	50M
5009 Pimiento Elite F1	11.20	36.40	56.00	54.40	51.70	49.10
5171 Takara F1	16.00	52.00	80.00	77.60	73.80	70.10
Banana	100	500	1M	5M	25M	50M
5087 Goddess F1	11.80	38.35	59.00	57.30	54.40	51.70
5290 Godiva F1	12.40	40.30	62.00	60.20	57.20	54.30
5167 Sweet Savannah F1	13.80	44.85	69.00	n/a	n/a	n/a
5169 Sweet Sunset F1	18.40	59.80	92.00	89.30	84.80	80.60
Cubanelle	100	500	1M	5M	25M	50M
5019 Aruba F1	16.40	53.30	82.00	79.60	75.60	71.90
5062 Grenada F1	13.00	42.25	65.00	63.10	59.90	57.00
Hungarian	100	500	1M	5M	25M	50M
5095 Gypsy F1	13.00	42.25	65.00	63.10	59.90	57.00
5100 Hungarian Sunshine F1	15.40	50.05	77.00	n/a	n/a	n/a
Italian	100	500	1M	5M	25M	50M
5046 Carmen F1	21.80	70.85	109.00	105.80	100.50	95.50
5086 Giant Italian Roaster F1	15.40	50.05	77.00	74.70	71.00	67.50
5031 Giant Marconi F1	13.00	42.25	65.00	63.10	59.90	57.00
Sweet Bell - Colors	100	500	1M	5M	25M	50M
5027 Bianca F1	27.00	87.75	135.00	131.00	124.50	118.30
5050 Delirio F1	23.80	77.35	119.00	115.50	109.70	104.30
5010 Delray S10 F1	21.80	70.85	109.00	105.80	n/a	n/a
5084 Early Summer F1	16.00	52.00	80.00	77.60	73.80	70.10
5066 Early Sunsation F1	18.40	59.80	92.00	89.30	84.80	80.60
5011 Islander F1	27.80	90.35	139.00	134.90	128.20	121.80
5065 Merlot	7.80	25.35	39.00	37.90	36.00	34.20
5067 Milena	69.00	224.25	345.00	334.70	318.00	302.10
5005 Muscato F1	7.80	25.35	39.00	37.90	36.00	34.20
5147 Orange Blaze F1	27.80	90.35	139.00	134.90	128.20	121.80
5149 Pinot Noir F1	7.80	25.35	39.00	37.90	36.00	34.20
5068 Tequila F1	27.80	90.35	139.00	134.90	128.20	121.80
5181 White Zinfandel F1	7.80	25.35	39.00	37.90	36.00	34.20

SWEET PEPPERS - OPEN POLLINATED**Page 53 - 54**

Assorted	100	500	1M	5M	25M	50M
5270 Habanada	7.80	25.35	39.00	37.90	36.00	34.20
Sweet Bell	100	500	1M	5M	25M	50M
5211 Chocolate Beauty	3.00	6.45	9.90	9.70	9.20	8.80
5220 Diamond	3.00	6.45	9.90	9.70	9.20	8.80
5228 Golden Cal Wonder	3.00	6.45	9.90	9.70	9.20	8.80
5232 Jupiter	3.00	6.45	9.90	9.70	9.20	8.80
5025 Miniature Chocolate	3.00	6.45	9.90	9.70	9.20	8.80
5249 Orange King	3.00	6.45	9.90	9.70	9.20	8.80
5266 Purple Beauty	3.00	6.45	9.90	9.70	9.20	8.80
5269 Sunbright	3.00	6.45	9.90	9.70	9.20	8.80
Cubanelle	100	500	1M	5M	25M	50M
5205 Aconcagua (Giant)	3.00	6.45	9.90	9.70	9.20	8.80
5215 Cubanelle	3.00	6.45	9.90	9.70	9.20	8.80
Snack	100	500	1M	5M	25M	50M
5185 Lunchbox Mix	22.40	72.80	112.00	108.60	103.20	98.10
5187 Lunchbox Orange	22.40	72.80	112.00	108.60	103.20	98.10
5189 Lunchbox Red	22.40	72.80	112.00	108.60	103.20	98.10
5188 Lunchbox Yellow	22.40	72.80	112.00	108.60	103.20	98.10

Assorted	1/8 oz	1/2 oz	1 oz	1/4 lb	1 lb
5262 Pimiento	5.20	14.04	21.52	58.24	148.48
5271 Sweet Banana	—	9.35	14.36	38.64	98.88
5276 Sweet Pickle	13.55	36.60	56.32	152.00	390.40
Sweet Bell	1/8 oz	1/2 oz	1 oz	1/4 lb	1 lb
5208 Big Red	4.15	11.20	17.20	46.40	119.04
5207 California Wonder	—	9.35	14.36	38.64	98.88
5224 Emerald Giant	4.15	11.20	17.20	46.40	119.04
5237 Keystone Resistant Giant	—	9.35	14.36	38.64	98.88
5231 Yellow Monster	12.20	32.92	50.56	136.64	n/a
5285 Yolo Wonder Pepper "B"	—	9.35	14.36	38.64	98.88
Italian	1/8 oz	1/2 oz	1 oz	1/4 lb	1 lb
5217 Corno Di Toro Giallo	5.20	14.04	21.52	58.24	148.48
5216 Corno Di Toro Rosso	5.20	14.04	21.52	58.24	148.48
5230 Jimmy Nardello's Italian Frying	11.30	30.52	46.88	126.72	325.12
5229 Marconi - Golden	5.20	14.04	21.52	58.24	148.48
5243 Marconi - Red	5.20	14.04	21.52	58.24	148.48

HOT PEPPERS - HYBRID

Ancho / Poblano		10	100	500	1M	5M	25M
5311	Ancho Ranchero F1	—	5.80	18.85	29.00	28.20	26.80
5424	Trident F1	—	13.80	44.85	69.00	67.00	63.70
Cayenne		10	100	500	1M	5M	25M
5323	Cheyenne (Arapaho) F1	—	13.80	44.85	69.00	67.00	63.70
5496	Dragon Cayenne F1	—	5.80	18.85	29.00	28.20	26.80
5371	Mesilla F1	—	15.80	51.35	79.00	76.70	72.90
Habanero		10	100	500	1M	5M	25M
5302	Burning Bush F1	—	17.80	57.85	89.00	86.40	82.10
5325	Desperado F1	—	13.20	42.90	66.00	64.10	60.90
5388	Rey Pakal F1	—	15.60	50.70	78.00	75.70	72.00
5467	Super Habanero F1	4.00	19.80	64.50	99.00	96.00	91.00
Hot Banana		10	100	500	1M	5M	25M
5301	Blazing Banana F1	—	15.80	51.35	79.00	76.70	72.90
5354	Inferno F1	—	15.80	51.35	79.00	76.70	72.90
5333	Med Hot Hung Banana F1 (Fury F1)	—	17.80	57.85	89.00	86.40	82.10
5429	Golden Dagger (Zizzler II) F1	—	13.80	44.85	69.00	67.00	63.70

PEPPER DISEASE CODES		
CODE	DISEASE	CAUSED BY
CMV:	Cucumber mosaic	Cucumber mosaic virus
Pc:	Phytophthora root rot	Phytophthora capsici
PepMoV:	Pepper mottle	Pepper mottle virus
PepYMV:	Pepper yellow mosaic potyvirus	Pepper yellow mosaic potyvirus
PVY:	Potato virus Y	Potato virus Y
Stip:	Stip	Physiological disorder
TEV:	Tobacco etch	Tobacco etch virus
ToMV:	Tomato mosaic	Tomato mosaic tobamovirus
TobamovP:	Tobamovirus	Tobamovirus pathotype 0
TMV:	Mosaic	Tobacco mosaic virus
TSWV:	Spotted wilt	Tomato spotted wilt virus
Xcv	Bacterial spot	Specified races of Xanthomonas campestris pv. Vesicatoria

Descriptions on Pages 55 - 57

Assorted		10	100	500	1M	5M	25M
5407	Altiplano F1	—	10.60	34.45	53.00	51.50	48.90
5306	Charger F1	—	19.00	61.75	95.00	92.20	87.60
5314	Crackle F1	—	10.40	33.80	52.00	50.50	48.00
5335	Holy Mole' F1	—	15.00	48.75	75.00	72.80	69.20
5291	Lambo F1	—	19.00	61.75	95.00	92.20	87.60
5310	Mad Hatter F1	5.00	25.00	81.50	125.00	121.00	115.00
5365	Mariachi F1	—	19.80	64.35	99.00	96.10	91.30
5375	Mexibell F1	—	7.00	22.75	35.00	34.00	32.30
5389	Rio Tesoro F1	—	19.60	63.70	98.00	95.10	90.40
5404	Sahuaro F1 (Big Chili II)	—	17.80	57.85	89.00	86.40	82.10
5405	Sandoval F1	—	5.15	16.75	25.80	25.00	23.80
5349	Semi-Hot Hungarian Blocky F1	—	14.60	47.45	73.00	70.90	67.40
5408	Super Chili F1	—	14.60	47.45	73.00	70.90	67.40
5328	Time Bomb F1	—	19.80	64.35	99.00	96.10	91.30
Jalapeño		10	100	500	1M	5M	25M
5305	Cinder F1	—	11.80	38.35	59.00	57.30	54.40
5355	Jalafuego F1	—	11.00	35.75	55.00	53.40	50.70
5387	Mucho Nacho F1	—	15.80	51.35	79.00	76.70	72.90
5307	Seminis PS11435807 F1	—	17.00	55.25	85.00	n/a	n/a
5410	Spicy Slice F1	—	13.80	44.85	69.00	67.00	63.70
5415	Tormenta F1	—	15.80	51.35	79.00	n/a	n/a

Peppers — Germination temperature: 70° F to 95° F Will not germinate below 55° F (prefer soil temperatures around 85° F). Peppers can be temperamental when it comes to setting fruit if temperatures are too hot or too cool. Night time temperatures below 60° F or above 75° F can reduce fruit set. Too much nitrogen in the fertilizer may promote lush vegetative growth but fewer fruit.

Planning to try ULTRA hot chiles (like Ghost Pepper, Carolina Reaper or Trinidad Scorpion)?

Remember:

- Soak Seed overnight before planting.
- Keep at 85 - 90°F in a 70 - 90% relative humidity.
- Sprouts can be seen in 10 - 15 days but may take as many as 30.
- NOT recommended for novice grower. (Plants grow very slowly).
- General rule: Water plants when soil has dried (constantly moist soil can be harmful).

HOT PEPPERS - STANDARD




Assorted		10	100	500	1M	5M	25M
5309	Carolina Reaper	4.00	19.80	64.50	99.00	96.00	91.00
5465	Cayenne Long Slim	—	3.00	6.45	9.90	9.70	9.20
5471	Ghost Pepper (Bhut Jolokia)	3.00	15.00	49.00	75.00	73.00	69.00
5478	Golden Ghost F1	5.00	25.00	81.50	125.00	121.00	115.00
5363	Lemon Drop	—	3.00	6.45	9.90	9.70	9.20
5484	Pasilla Bajio	—	3.00	6.45	9.90	9.70	9.20
5488	Scotch Bonnet Jamaican Red	—	3.00	6.45	9.90	9.70	9.20
5487	Scotch Bonnet Jamaican Yellow	—	3.00	6.45	9.90	9.70	9.20
5495	Serrano Tampiqueno	—	3.00	6.45	9.90	9.70	9.20
5406	Tabasco	—	3.00	6.45	9.90	9.70	9.20
5498	Trinidad Moruga Scorpion	4.00	19.80	64.50	99.00	96.00	91.00
Habanero		10	100	500	1M	5M	25M
5461	Caribbean Red	—	3.20	10.40	16.00	15.60	14.80
5473	Chocolate	—	3.20	10.40	16.00	15.60	14.80
5474	Fatalii	—	6.40	20.80	32.00	31.10	29.50
5479	Firestarter Blend	—	3.20	10.40	16.00	15.60	14.80
5476	Orange	—	3.20	10.40	16.00	15.60	14.80
5477	Red	—	3.20	10.40	16.00	15.60	14.80
Jalapeño		10	100	500	1M	5M	25M
5481	Jalapeño Sweet	—	3.00	6.45	9.90	9.70	9.20
5400	Lemon Spice Jalapeño	—	3.20	10.40	16.00	15.60	14.80
5401	Orange Spice Jalapeño	—	3.20	10.40	16.00	15.60	14.80
5402	Pumpkin Spice Jalapeño	—	3.20	10.40	16.00	15.60	14.80

Descriptions on Pages 57 - 59

Anaheim		1/8 oz	1/2 oz	1 oz	1/4 lb	1 lb
5450	Anaheim	3.10	8.32	12.72	34.24	88.32
5482	Big Jim	4.05	10.92	16.72	45.12	116.48
5483	Joe E. Parker	4.05	10.92	16.72	45.12	116.48
Assorted		1/8 oz	1/2 oz	1 oz	1/4 lb	1 lb
5491	Biquinho - Red	9.90	26.76	41.12	111.04	285.44
5492	Biquinho - Yellow	9.90	26.76	41.12	111.04	285.44
5480	Hungarian Wax (Hot)	—	7.10	10.86	29.28	74.88
5493	Pepperoncini - Golden Greek	8.20	22.12	33.92	91.52	235.52
5485	Poblano / Ancho	4.20	11.32	17.36	46.72	120.32
5490	Red Cherry Large	4.20	11.32	17.36	46.72	120.32
5497	Thai Hot Culinary	12.90	34.76	53.44	144.32	369.92
Cayenne		1/8 oz	1/2 oz	1 oz	1/4 lb	1 lb
5469	Cayenne Red Large Thick	—	6.50	10.00	26.96	69.12
5494	Cayenne Yellow	9.90	26.76	41.12	111.04	285.44
Jalapeño		1/8 oz	1/2 oz	1 oz	1/4 lb	1 lb
5472	Early Jalapeño	—	7.10	10.86	29.28	74.88
5489	Jalapeño M	—	7.10	10.86	29.28	74.88

PUMPKINS - TRADITIONAL CARVING TYPE**Pages 59 - 66**

		10	100	500	1M	3M	15M
3122	Annabelle F1 	—	18.80	61.10	94.00	89.30	84.00
3301	Apogee F1 	—	20.90	67.95	104.50	99.30	93.40
3301U	Apogee F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3210	Baby Bear F1	—	6.40	20.80	32.00	30.40	28.60
3107	Bayhorse Gold F1 	—	21.60	70.20	108.00	102.60	96.50
3248	Benchmark F1 	—	20.90	67.95	104.50	99.30	93.40
3248U	Benchmark F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3131	Big Deal F1	—	19.80	64.35	99.00	94.10	88.50
3376	Big Doris F1 	—	18.80	61.10	94.00	89.30	84.00
3104	Big Loretta F1 	—	18.80	61.10	94.00	89.30	84.00
3229	Big Moose F1	10.00	49.80	162.00	249.00	237.00	222.00
3234	Camaro F1	—	17.60	57.20	88.00	83.60	78.60
3314	Cannonball F1 	—	22.00	71.50	110.00	104.50	98.30
3204	Capital F1 	—	20.90	67.95	104.50	99.30	93.40
3204U	Capital F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3237	Captain Jack F1 	—	19.80	64.35	99.00	94.10	88.50
3206	Checkmate F1 	—	20.90	67.95	104.50	99.30	93.40
3206U	Checkmate F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3387	Cinnamon Girl F1	—	23.60	76.70	118.00	112.10	105.40
3240	Conestoga Special 	—	19.80	64.35	99.00	94.10	88.50
3254	Conquest F1 	—	20.90	67.95	104.50	99.30	93.40
3254U	Conquest F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3235	Corvette F1	—	17.60	57.20	88.00	83.60	78.60
3222	Cougar F1	—	17.60	57.20	88.00	83.60	78.60
3110	County Fair F1 	—	20.90	67.95	104.50	99.30	93.40
3110U	County Fair F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3274	Cracker Jack F1	—	17.60	57.20	88.00	83.60	n/a
3253	Darling F1 	—	19.60	63.70	98.00	93.10	87.60

		10	100	500	1M	3M	15M
3245	Denali F1 	—	20.90	67.95	104.50	99.30	93.40
3245U	Denali F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3242	Dynasty F1 	—	20.90	67.95	104.50	99.30	93.40
3242U	Dynasty F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3290	Early Abundance F1 	—	19.60	63.70	98.00	93.10	87.60
3264	Early Giant F1 	—	19.60	63.70	98.00	93.10	87.60
3238	Early King F1 	—	19.60	63.70	98.00	93.10	87.60
3359	Early Prince F1	—	19.60	63.70	98.00	93.10	87.60
3361	Edison F1 	—	20.90	67.95	104.50	99.30	93.40
3361U	Edison F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3378	El Toro F1 	—	19.80	64.35	99.00	94.10	88.50
3125	Eros F1	—	18.80	61.10	94.00	89.30	84.00
3250	Eureka F1 	—	20.90	67.95	104.50	99.30	93.40
3250U	Eureka F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3221	Everest F1 	—	20.90	67.95	104.50	99.30	93.40
3221U	Everest F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3205	Fall Splendor F1 	—	17.60	57.20	88.00	83.60	78.60
3208	Field Trip F1 	—	23.80	77.35	119.00	113.10	106.30
3109	First Grade F1 	—	20.90	67.95	104.50	99.30	93.40
3109U	First Grade F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3395	Flatso F1	—	15.20	49.40	76.00	72.20	67.90
3243	Gemini F1 	—	20.90	67.95	104.50	99.30	93.40
3243U	Gemini F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3215	Gold Dust F1 	—	11.00	35.75	55.00	52.30	49.20
3341	Gold Medal F1 	—	13.80	44.85	69.00	65.60	61.70
3345	Gold Rush F1 	—	8.60	27.95	43.00	40.90	38.40
3347	Growers Giant F1 	7.95	39.70	129.00	199.00	189.00	177.00
3347U	Growers Giant F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00

Prices per M or per lb

"M" = 1,000 Seeds

lb = Pound

PUMPKINS - TRADITIONAL CARVING TYPE *(continued)***Descriptions on Pages 59 - 66**

		10	100	500	1M	3M	15M			10	100	500	1M	3M	15M
3241	Half Pint F1	—	9.60	31.20	48.00	45.60	42.90	3232	Renegade F1	—	19.80	64.35	99.00	94.10	88.50
3124	Hannibal F1	—	18.80	61.10	94.00	89.30	84.00	3263	Ritz F1	—	11.60	37.70	58.00	55.10	51.80
3360	Hawk F1	—	9.80	31.85	49.00	46.60	n/a	3226	Rockafellow F1 🌐	—	13.60	44.20	68.00	64.60	60.80
3219	Hijinks F1 🌐	—	19.60	63.70	98.00	93.10	87.60	3371	Secretariat F1 🌐	—	17.60	57.20	88.00	83.60	78.60
3255	Howden Biggie F1	—	22.40	72.80	112.00	106.40	100.10	3108	Skidoo Gold F1 🌐	—	19.00	61.75	95.00	90.30	84.90
3383	Hulk F1 🌐	—	19.80	64.35	99.00	94.10	88.50	3323	Spartacus F1 🌐	—	19.80	64.35	99.00	94.10	88.50
3257	Iron Man F1 🌐	—	22.40	72.80	112.00	106.40	100.10	3324	Spartan F1 🌐	—	16.20	52.65	81.00	77.00	72.40
3114	Itty Bitty F1 🌐	—	20.90	67.95	104.50	99.30	93.40	3302	State Fair F1 🌐	—	20.90	67.95	104.50	99.30	93.40
3114U	Itty Bitty F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60	3302U	State Fair F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3123	Jason F1 🌐	—	18.80	61.10	94.00	89.30	84.00	3281	Summit F1 🌐	—	20.90	67.95	104.50	99.30	93.40
3236	Jack Sprat F1	—	19.60	63.70	98.00	93.10	87.60	3281U	Summit F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3385	Jill-Be-Little	—	5.00	16.25	25.00	23.80	22.40	3216	Superior F1 🌐	—	20.90	67.95	104.50	99.30	93.40
3103	Justify F1 🌐	—	19.80	64.35	99.00	94.10	88.50	3216U	Superior F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3267	Kandy Korn Plus F1 🌐	—	19.60	63.70	98.00	93.10	87.60	3326	Thor F1 🌐	—	17.60	57.20	88.00	83.60	78.60
3260	Large Marge F1 🌐	—	19.80	64.35	99.00	94.10	88.50	3251	Thumpkin F1 🌐	—	19.00	61.75	95.00	90.30	84.90
3382	Magnum F1 🌐	—	20.90	67.95	104.50	99.30	93.40	3388	Touch of Autumn	—	7.60	24.70	38.00	36.10	34.00
3382U	Magnum F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60	3227	Treasure F1 🌐	—	20.90	67.95	104.50	99.30	93.40
3334	Mini Pumpkin Mix	—	17.60	57.20	88.00	83.60	78.60	3227U	Treasure F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3288	Monster Smash F1	13.00	65.00	211.50	325.00	309.00	290.00	3218	Trophy F1 🌐	—	20.90	67.95	104.50	99.30	93.40
3269	Mustang F1	—	17.60	57.20	88.00	83.60	78.60	3218U	Trophy F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3207	Naked Bear F1	—	15.80	51.35	79.00	75.10	70.60	3399	Wolf F1 🌐	—	17.60	57.20	88.00	83.60	78.60
3261	Neon F1	—	13.80	44.85	69.00	65.60	61.70	3297	World of Color F1	12.80	63.80	207.50	319.00	303.00	285.00
3273	Orange Smoothie F1 🌐	—	13.80	44.85	69.00	65.60	61.70								
3277	Orangita F1	—	13.60	44.20	68.00	64.60	60.80								
3276	Orion F1 🌐	—	20.90	67.95	104.50	99.30	93.40	3303	Atlantic Giant		11.90	30.44	78.08	76.48	
3276U	Orion F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60	3316	Baby Pam		5.35	13.64	35.04	34.24	
3225	Packer F1 🌐	—	20.90	67.95	104.50	99.30	93.40	3322	Big Max		4.45	11.36	28.96	28.48	
3225U	Packer F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60	3321	Bumpkin F1		19.05	48.76	124.96	122.56	
3244	Pegasus F1 🌐	—	20.90	67.95	104.50	99.30	93.40	3331	Connecticut Field		3.85	9.76	24.96	24.48	
3244U	Pegasus F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60	3348	Hobbit F1		7.50	19.16	48.96	48.00	
3380	Phat Jack 🌐	—	19.80	64.35	99.00	94.10	88.50	3349	Howden		4.45	11.36	28.96	28.48	
3372	Pik-a-Pie 🌐	—	9.80	31.85	49.00	46.60	43.80	3353	Jack-Be-Little		8.40	21.44	55.04	53.92	
3209	Prankster F1 🌐	—	12.60	40.95	63.00	59.90	56.30	3356	Jack-Be-Quik		12.05	30.84	79.04	77.44	
3224	Prizewinner F1 🌐	22.00	109.80	357.00	549.00	522.00	490.00	3362	Jack-O-Lantern		4.45	11.36	28.96	28.48	
3373	Progress F1 🌐	—	20.90	67.95	104.50	99.30	93.40	3379	Mammoth Gold		4.45	11.36	28.96	28.48	
3373U	Progress F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60	3377	Show Winner		15.10	38.64	99.04	97.12	
3279	Prudence F1 🌐	—	20.90	67.95	104.50	99.30	93.40	3375	Small Sugar New England		4.45	11.36	28.96	28.48	
3279U	Prudence F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60	3381	Spookie		4.45	11.36	28.96	28.48	
								3398	Wee-B-Little		15.10	38.64	99.04	97.12	



Indicates Seed is available with FarMore®



FarMore® Technology offers a proprietary combination of three fungicides (Apron, Maxim, Dynasty) and 1 insecticide (Thiamethoxam) offering early-season insect protection that can prevent or eliminate damage caused by cucumber beetles. Under certain environmental conditions FarMore® Technology has shown ability to enhance seedling emergence, plant stand establishment, early-season vigor, and protect yield potential.

PUMPKIN

CODE	DISEASE	CAUSED BY
CMV:	Cucumber mosaic	Cucumber mosaic cucumovirus
PRSV:	Papaya ringspot	Papaya ringspot potyvirus
PM:	Powdery Mildew	Sphaerotheca fuliginea
SLCV:	Squash Leaf Curl Virus	Squash Leaf Curl Virus
WMV:	Watermelon mosaic	Watermelon mosaic potyvirus
ZYMV:	Zucchini yellows	Zucchini yellow mosaic potyvirus

Optimum Storage Conditions for Winter Squash & Pumpkin: All should be well matured, carefully handled, and free from injury or decay. Recommended temperatures for storage are 50 to 55°F. At higher temperatures of 59 to 68°F, green varieties will become undesirably yellow and acquire a stringiness of the flesh. The Relative humidity (RH) should be 50 to 70%. Higher RH promotes decay while lower RH causes excess weight loss and texture deterioration. Pumpkins generally do not keep as well as hard-shelled Winter squashes. Most cultivars can be stored for at least 2 to 3 months.









PUMPKINS - WHITE





		10	100	500	1M	3M	15M
3130	Abominable F1 	—	21.00	68.25	105.00	99.80	93.80
3128	Avalanche F1 	—	23.40	76.05	117.00	111.20	104.50
3304	Blanco F1	—	19.80	64.35	99.00	94.10	88.50
3213	Casperita F1	—	16.80	54.60	84.00	79.80	75.10
3332	Cotton Candy	—	10.00	32.50	50.00	47.50	44.70
3270	Crystal Star F1 	9.95	49.60	161.00	248.00	236.00	222.00
3308	Flat Stacker F1	—	15.60	50.70	78.00	74.10	69.70
3212	Full Moon	8.00	39.80	129.50	199.00	189.00	178.00
3342	Honey Moon F1	—	21.80	70.85	109.00	103.60	97.40
3102	Icicle F1 	—	19.80	64.35	99.00	94.10	88.50
3231	Moonshine F1 	—	22.00	71.50	110.00	104.50	98.30
3344	Moon Beam F1	—	21.80	70.85	109.00	103.60	97.40
3351	Moon Light F1 	7.95	39.70	129.00	199.00	189.00	177.00
3351U	Moon Light F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00
3352	Moon Whisper F1 	7.95	39.70	129.00	199.00	189.00	177.00
3352U	Moon Whisper F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00

Descriptions on Pages 66 - 68

		10	100	500	1M	3M	15M
3268	New Moon F1	9.95	49.60	161.00	248.00	236.00	222.00
3298	Polar Bear F1	7.40	37.00	120.50	185.00	176.00	165.00
3247	Silver Moon F1	—	14.40	46.80	72.00	68.40	64.30
3230	Snowball F1 	—	22.00	71.50	110.00	104.50	98.30
3105	Snowdrop F1 	—	23.40	76.05	117.00	111.20	104.50
3200	Stella Luna F1	—	15.60	50.70	78.00	74.10	69.70
3295	Super Moon F1	—	12.60	40.95	63.00	59.90	56.30
3214	Tandy F1	—	14.40	46.80	72.00	68.40	64.30
3262	White Flat Boer	—	9.80	31.85	49.00	46.60	43.80
3369	White Knight F1 	—	12.20	39.65	61.00	58.00	54.50
3127	White Lightning F1	—	23.40	76.05	117.00	111.20	104.50
			1 oz	1/4 lb	1 lb	5 lb	
3313	Baby Boo		9.90	25.36	64.96	63.68	
3325	Casper		9.90	25.36	64.96	63.68	
3335	Gooligan F1		19.05	48.76	124.96	122.56	
3365	Lumina		19.05	48.76	124.96	122.56	

PUMPKINS - SPECIALTY / WARTS / & JUST PLAIN WEIRD**Pages 69 - 75**

		10	100	500	1M	3M	15M
3291	Autumn Crown F1	—	9.00	29.25	45.00	42.80	40.20
3299	Baby Bumps F1 	—	23.80	77.35	119.00	113.10	106.30
3339	Bad Jelly F1 	—	23.00	74.75	115.00	109.30	102.70
3138	Barn Dance F1 	—	20.90	67.95	104.50	99.30	93.40
3138U	Barn Dance F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3284	Blaze F1	—	23.00	74.75	115.00	109.30	102.70
3203	Blue Delight F1 	7.95	39.70	129.00	199.00	189.00	177.00
3203U	Blue Delight F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00
3233	Blue Doll F1	—	17.80	57.85	89.00	84.60	79.50
3112	Blue Eyes F1	7.95	39.70	129.00	199.00	189.00	177.00
3112U	Blue Eyes F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00
3350	Blue Ice F1 	—	23.00	74.75	115.00	109.30	102.70
3317	Blue Prince F1	—	13.00	42.25	65.00	61.80	58.10
3202	Bunch O' Warts F1 	—	20.90	67.95	104.50	99.30	93.40
3202U	Bunch O' Warts F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3336	Calico Belle F1 	7.95	39.70	129.00	199.00	189.00	177.00
3336U	Calico Belle F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00
3305	Colorado Sunrise F1	—	21.40	69.55	107.00	101.70	95.60
3113	Corn Cob F1 	4.60	22.90	74.50	115.00	109.00	102.00
3113U	Corn Cob F1 (untreated)	4.35	21.60	70.00	108.00	103.00	96.00
3282	Dark Knight F1	—	20.40	66.30	102.00	96.90	91.10
3358	Daybreak F1 	7.95	39.70	129.00	199.00	189.00	177.00
3358U	Daybreak F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00
3285	Flame F1	—	17.80	57.85	89.00	84.60	79.50
3135	Foggy Morning F1	7.95	39.70	129.00	199.00	189.00	177.00
3135U	Foggy Morning F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00
3397	Funnel Cake F1 	7.95	39.70	129.00	199.00	189.00	177.00
3397U	Funnel Cake F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00
3117	Glass Slipper F1 	7.95	39.70	129.00	199.00	189.00	177.00
3117U	Glass Slipper F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00
3217	Goosebumps II F1 	—	23.80	77.35	119.00	113.10	106.30
3300	Grizzly Bear F1 	—	23.00	74.75	115.00	109.30	102.70
3126	Homestyle F1 	—	23.80	77.35	119.00	113.10	106.30
3357	Hot Chocolate F1 	—	24.80	80.60	124.00	117.80	110.80
3258	Indian Doll F1	—	17.80	57.85	89.00	84.60	79.50

		10	100	500	1M	3M	15M
3136	Kettle Corn F1 	4.60	22.90	74.50	115.00	109.00	102.00
3136U	Kettle Corn (untreated)	4.35	21.60	70.00	108.00	103.00	96.00
3293	Lil' Pump-Ke-Mon F1 	25.00	81.25	125.00	118.80	111.70	
3319	Lunar Blush F1 	7.95	39.70	129.00	199.00	189.00	177.00
3319U	Lunar Blush F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00
3320	Lunar Shadow F1 	7.95	39.70	129.00	199.00	189.00	177.00
3320U	Lunar Shadow F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00
3129	Madonna F1 	—	19.00	61.75	95.00	90.30	84.90
3370	Mellow Yellow F1 	—	23.00	74.75	115.00	109.30	102.70
3306	Midnight (Black Kat) F1	—	15.80	51.35	79.00	75.10	70.60
3294	Milestone F1 	—	20.90	67.95	104.50	99.30	93.40
3294U	Milestone F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3366	Millionaire F1 	—	20.90	67.95	104.50	99.30	93.40
3366U	Millionaire F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3384	Misty Mountain F1 	7.95	39.70	129.00	199.00	189.00	177.00
3384U	Misty Mountain F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00
3278	Mr. Fugly F1	—	13.00	42.25	65.00	61.80	58.10
3311	Musquee de Maroc	—	9.00	n/a	n/a	n/a	n/a
3368	Newton F1 	7.95	39.70	129.00	199.00	189.00	177.00
3368U	Newton F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00
3289	One Too Many 	7.80	39.00	127.00	195.00	185.00	174.00
3121	Orange Cutie F1 	—	11.00	35.75	55.00	52.30	49.20
3115	Orange Peel F1 	—	20.90	67.95	104.50	99.30	93.40
3115U	Orange Peel F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3133	Phantomita F1	—	15.00	48.75	75.00	71.30	67.00
3315	Pink Hearts F1 	7.95	39.70	129.00	199.00	189.00	177.00
3315U	Pink Hearts F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00
3211	Porcelain Doll F1	—	24.40	79.30	122.00	115.90	109.00
3310	Porcelain Princess F1	—	25.00	81.25	125.00	118.80	111.70
3116	Prince Charming F1 	7.95	39.70	129.00	199.00	189.00	177.00
3116U	Prince Charming F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00
3354	Prism F1 	7.95	39.70	129.00	199.00	189.00	177.00
3354U	Prism F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00
3275	Rascal F1 	7.95	39.70	129.00	199.00	189.00	177.00
3275U	Rascal F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00

Prices per M or per lb**"M" = 1,000 Seeds****lb = Pound**

PUMPKINS - SPECIALTY / WARTS / & JUST PLAIN WEIRD *(continued)* Descriptions on Pages 70 - 75

		10	100	500	1M	3M	15M			10	100	500	1M	3M	15M
3364	Rembrandt F1 	7.95	39.70	129.00	199.00	189.00	177.00	3392	Tycoon F1 	—	20.90	67.95	104.50	99.30	93.40
3364U	Rembrandt F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00	3392U	Tycoon F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3272	Royal Blue F1 	7.95	39.70	129.00	199.00	189.00	177.00	3394	Warts Galore F1 	—	20.90	67.95	104.50	99.30	93.40
3272U	Royal Blue F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00	3394U	Warts Galore F1 (untreated)	—	19.60	63.70	98.00	93.10	87.60
3100	Ruffian F1	—	9.80	31.85	49.00	46.60	43.80	3389	Warts Plethora F1 	7.95	39.70	129.00	199.00	189.00	177.00
3249	Sanchez F1	—	13.40	43.55	67.00	63.70	59.90	3389U	Warts Plethora F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00
3287	Scarface F1 	—	23.00	74.75	115.00	109.30	102.70	3330	Warty Sunset F1 	7.95	39.70	129.00	199.00	189.00	177.00
3386	Shadow Moon F1	—	11.80	38.35	59.00	56.10	52.70	3330U	Warty Sunset F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00
3280	Small World of Color	9.80	49.00	159.50	245.00	233.00	219.00	3296	White Delight (Gray) F1 	7.95	39.70	129.00	199.00	189.00	177.00
3283	Spark F1	—	17.80	57.85	89.00	84.60	79.50	3296U	White Delight (Gray) F1 (untr)	7.70	38.40	125.00	192.00	182.00	172.00
3101	Specter F1 	—	27.80	90.35	139.00	132.10	124.20	3134	Yellow Jacket F1 	— Call for Availability —					
3106	Spicy Mocha F1 	—	25.00	81.25	125.00	118.80	111.70				1 oz	1/4 lb	1 lb	5 lb	
3367	Sugar Cup F1 	7.95	39.70	129.00	199.00	189.00	177.00	3309	Autumn Buckskin F1		16.75	42.92	110.08	107.84	
3367U	Sugar Cup F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00	3318	Batwing Mix		19.05	48.76	124.96	122.56	
3137	Summer Sky F1 	7.95	39.70	129.00	199.00	189.00	177.00	3327	Blue Harvest F1		16.75	42.92	110.08	107.84	
3137U	Summer Sky F1 (untreated)	7.70	38.40	125.00	192.00	182.00	172.00	3328	Cinderella (Rouge Vif D'Etampes)		9.00	23.04	59.04	57.92	
3286	Sunlight F1 	—	23.00	74.75	115.00	109.30	102.70	3391	Cinderella's Carriage F1		15.10	38.64	99.04	97.12	
3141	Sunrise F1	—	11.80	38.35	59.00	56.10	52.70	3337	Fairytale (Musquee de Provence)		10.55	26.96	68.96	67.68	
3120	Tiger Stripes F1 	4.20	20.90	68.00	105.00	99.00	93.00	3338	Hooligan F1		15.10	38.64	99.04	97.12	
3120U	Tiger Stripes F1 (untreated)	3.95	19.60	63.50	98.00	93.00	88.00	3390	Kakai		12.05	30.84	79.04	77.44	
3223	Toad F1	—	17.80	57.85	89.00	84.60	n/a	3393	Yellow of Paris		13.60	34.76	n/a	n/a	



Indicates Seed is available with FarMore®

RADISHES

Pages 76 - 77

		1 oz	1/4 lb	1 lb	5 lb	25 lb			1 oz	1/4 lb	1 lb	5 lb	25 lb
3403	Black Spanish Round	—	4.80	12.00	11.68	11.24	3436	Gum Ball Mix	—	7.60	19.00	18.52	17.84
3401	Champion	—	4.40	11.00	10.72	10.32	3430	Hailstone	—	4.80	12.00	11.68	11.24
3452	Cherriette	11.25	30.00	75.04	73.12	—	3438	Japanese Minowase	—	4.40	11.00	10.72	10.32
3404	Cherry Belle	—	4.40	11.00	10.72	10.32	3450	KN - Bravo F1	23.85	63.60	159.04	155.04	—
3408	China Rose Winter	—	4.40	11.00	10.72	10.32	3433	Pink Beauty	—	7.60	19.00	18.52	17.84
3414	Crimson Giant	—	5.60	14.00	13.64	13.12	3431	Plum Purple	—	7.60	19.00	18.52	17.84
3416	Early Scarlet Globe	—	4.40	11.00	10.72	10.32	3446	Red Bartender	—	4.00	10.00	9.72	n/a
3420	Easter Egg Blend	—	7.60	19.00	18.52	17.84	3440	Sparkler	—	4.40	11.00	10.72	10.32
3406	Fireball F1	12.00	32.00	80.00	78.08	—	3451	Stargazer	11.25	30.00	75.04	73.12	—
3424	French Breakfast	—	4.40	11.00	10.72	10.32	3442	Watermelon	—	7.60	19.00	18.52	17.84
3429	German Giant	—	7.60	19.00	18.52	17.84	3445	White Icicle	—	4.40	11.00	10.72	10.32
3432	Golden Helios	—	7.60	19.00	18.52	17.84							

RUTABAGA

Page 77

		1/4 lb	1 lb	5 lb
3501	American Purple Top	4.00	10.00	9.76

SALSIFY

Page 77

		1 oz	1/4 lb	1 lb	5lb
3526	Mammoth Sandwich Island	5.10	7.80	20.00	19.52

SPINACH

Page 78

		10M	50M	250M	500M			1/4 lb	1 lb	5 lb	25 lb
3619	Green Beret F1	0.95	0.90	0.85	0.80	3605	Bloomsdale Long Standing	4.80	12.00	11.72	11.24
3627	Olympia F1	0.95	0.90	0.85	0.80	3617	Giant Nobel	4.80	12.00	11.72	11.24
3626	Persius F1	0.95	0.90	0.85	0.80						
3634	Red Tabby F1	1.50	1.45	1.40	1.35						
3633	Seaside F1	0.95	0.90	0.85	0.80						

SPINACH DISEASE CODES

CODE	DISEASE	CAUSED BY
Ao	White Rust	Albugo occidentalis
CMV	Cucumber Mosaic Virus	Cucumber Mosaic virus
DM	Downy Mildew	Specified races of Peronospora farinosa f.sp. spinaciae

SUMMER SQUASH - GREEN

Green Zucchini	100	500	1M	3M	15M
3736 Bossa Nova F1 	15.80	51.35	79.00	75.10	71.30
3703 Cashflow F1 	16.80	54.60	84.00	79.80	75.90
3717 Endeavor F1 	12.80	41.60	64.00	60.80	57.80
3716 Garden Spineless F1	5.80	18.85	29.00	27.60	26.20
3779 Green Griller F1	11.60	37.70	58.00	55.10	52.40
3745 Paycheck F1 	19.80	64.35	99.00	94.10	89.40
3729 Payload F1 	19.80	64.35	99.00	94.10	89.40
3705 Payout F1 	19.80	64.35	99.00	94.10	89.40
3744 Payroll F1 	18.80	61.10	94.00	89.30	84.90
3735 President F1 	15.80	51.35	79.00	75.10	71.30
3740 Senator F1 	13.80	44.85	69.00	65.60	62.30
3765 Spineless Beauty F1 	13.80	44.85	69.00	65.60	62.30
3766 Spineless Perfection F1 	18.80	61.10	94.00	89.30	84.90
3753 Spineless Supreme F1 	19.80	64.35	99.00	94.10	89.40
3789 Zucchini Elite F1 	13.80	44.85	69.00	65.60	62.30





Indicates Seed is available with FarMore®



Descriptions on Pages 79 - 81


Green Zucchini		1 oz	1/4 lb	1 lb	5 lb	
3704	Black Beauty	3.05	7.80	20.00	19.68	
3719	Dark Green Zucchini	3.05	7.80	20.00	19.68	
3733	Romanesco	4.45	11.36	28.96	28.48	
Green Assorted		100	500	1M	3M	15M
3782	Billiard Ball Blend F1	10.60	34.45	53.00	50.40	47.90
3756	Cometa F1	12.80	41.60	64.00	60.80	57.80
3721	Eight Ball F1	11.80	38.35	59.00	56.10	53.30
3714	Ishtar F1	10.60	34.45	53.00	50.40	47.90
3754	Magda F1	10.60	34.45	53.00	50.40	47.90
3747	Moonbeam F1	5.80	18.85	29.00	27.60	26.20
3748	Partial Eclipse F1	5.80	18.85	29.00	27.60	26.20
3749	Peter Pan F1	5.80	18.85	29.00	27.60	26.20
3768	Terminator F1	27.80	90.35	139.00	132.10	125.50
3792	Total Eclipse F1	5.80	18.85	29.00	27.60	26.20
Green Assorted		1 oz	1/4 lb	1 lb	5 lb	
3707	Benning's Green Tint	4.15	10.56	27.04	26.56	
3758	Ronde de Nice	3.85	9.76	24.96	24.48	

SUMMER SQUASH - YELLOW**Pages 81 - 83**

Yellow Straightneck	100	500	1M	5M	15M
3713 Amberpic F1	5.80	18.85	29.00	27.60	25.90
3731 Cougar F1 	17.80	57.85	89.00	84.60	79.50
3730 Enterprise F1 	10.60	34.45	53.00	50.40	47.40
3743 Fortune F1 	8.40	27.30	42.00	39.90	37.60
3786 Goldprize F1 	15.00	48.75	75.00	71.30	67.00
3724 Grandprize F1 	17.00	55.25	85.00	80.80	76.00
3732 Lioness F1 	17.80	57.85	89.00	84.60	79.50
3728 Multipik F1	9.80	31.85	49.00	46.60	43.80
3751 Smooth Criminal F1	11.00	35.75	55.00	52.30	49.20
3718 Smooth Summer F1 	11.00	35.75	55.00	52.30	49.20
3726 Supersonic F1 	5.80	18.85	29.00	27.60	25.90
3794 Zephyr F1	7.20	23.40	36.00	34.20	32.20

Yellow Crookneck	100	500	1M	5M	15M
3715 Dixie F1 	9.00	29.25	45.00	42.80	40.20
3723 Gentry F1	8.40	27.30	42.00	39.90	37.60
3737 Gold Star F1 	11.80	38.35	59.00	56.10	n/a
3783 Mabel F1	8.40	27.30	42.00	39.90	37.60

Yellow Scalloped and Assorted	100	500	1M	5M	15M
3795 Colorful Patty Pan Mix F1	6.60	21.45	33.00	31.40	29.50
3798 Cue Ball F1	10.60	34.45	53.00	50.40	47.40
3797 Grenade F1	11.80	38.35	59.00	n/a	n/a
3746 One Ball F1	11.80	38.35	59.00	56.10	52.70
3772 Sunbeam F1	5.80	18.85	29.00	27.60	25.90
3775 Sunburst F1 	15.00	48.75	75.00	71.30	67.00
3781 Sunny Delight F1 	13.80	44.85	69.00	65.60	61.70

Yellow Zucchini	100	500	1M	5M	15M
3710 49er F1	5.80	18.85	29.00	27.60	n/a
3771 Chiffon F1	8.40	27.30	42.00	39.90	37.60
3720 Gold Rush F1 	15.00	48.75	75.00	71.30	67.00
3778 Golden Girl F1	11.80	38.35	59.00	56.10	52.70
3785 Golden Glory F1 	17.00	55.25	85.00	80.80	76.00
3739 Sebring F1	9.00	29.25	45.00	42.80	40.20

Yellow Straightneck	1 oz	1/4 lb	1 lb	5 lb
3711 Early Prolific Straight Neck	3.05	7.80	20.00	19.68

SQUASH DISEASE CODES

CODE	DISEASE	CAUSED BY
CMV:	Cucumber mosaic	Cucumber mosaic cucumovirus
PRSV:	Papaya ringspot	Papaya ringspot potyvirus
PM:	Powdery Mildew	Sphaerotheca fuliginea
SLCV:	Squash Leaf Curl Virus	Squash Leaf Curl Virus
WMV:	Watermelon mosaic	Watermelon mosaic potyvirus
ZYMV:	Zucchini yellows	Zucchini yellow mosaic potyvirus

Yellow Crookneck	1 oz	1/4 lb	1 lb	5 lb
3727 Golden Summer Crookneck	3.05	7.80	20.00	19.68





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Yellow Scalloped and Assorted	1 oz	1/4 lb	1 lb	5 lb
3759 Juane et Verte	7.20	18.36	47.04	46.08
3790 White Bush Scallop	3.85	9.76	24.96	24.48
3793 Yellow Bush Scallop	3.85	9.76	24.96	24.48

Yellow Zucchini	1 oz	1/4 lb	1 lb	5 lb
3708 Burpee Golden Zucchini	4.45	11.36	28.96	28.48

Performance of all varieties may vary, from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years and consider the impacts of those conditions on the grower's field.

WINTER SQUASH

Acorn		100	500	1M	5M	25M
3806	Autumn Delight F1 	11.00	35.75	55.00	52.30	49.20
3810	Black Bellota F1	8.40	27.30	42.00	39.90	37.60
3840	Carnival F1 	13.80	44.85	69.00	65.60	61.70
3826	Celebration F1	7.80	25.35	39.00	37.10	34.90
3831	Cream of the Crop F1	7.80	25.35	39.00	37.10	34.90
3847	Heart of Gold F1 	8.40	27.30	42.00	39.90	37.60
3883	Mashed Potato	7.80	25.35	39.00	37.10	34.90
3875	Table Ace F1 	9.80	31.85	49.00	46.60	43.80
3882	Table Treat F1	7.80	25.35	39.00	37.10	34.90
3884	Taybelle PM F1 	11.00	35.75	55.00	52.30	49.20
Assorted / Novelty / Ornamental		100	500	1M	5M	25M
3813	Autumn Frost F1	19.00	61.75	95.00	90.30	84.90
3881	Black Futsu	27.60	89.70	138.00	131.10	123.30
3815	Chirimen	9.80	31.85	49.00	46.60	43.80
3839	Grey Ghost F1 	11.80	38.35	59.00	n/a	n/a
3836	Kai Kai F1	11.80	38.35	59.00	56.10	52.70
3854	Kamo-Kamo	11.80	38.35	59.00	56.10	52.70
3855	La Estrella 	8.40	27.30	42.00	39.90	37.60
3870	Speckled Hound	11.00	35.75	55.00	52.30	49.20
3822	Turbino	8.40	27.30	42.00	39.90	37.60
3801	Ute Turban	7.80	25.35	39.00	37.10	34.90
Buttercup / Kabocha		100	500	1M	5M	25M
3804	Autumncup F1 	15.60	50.70	78.00	74.10	69.70
3805	Bon-Bon F1	23.80	77.35	119.00	113.10	106.30
3807	Delica F1	19.80	64.35	99.00	94.10	88.50
3860	Golden Butta Bowl F1	9.60	31.20	48.00	45.60	42.90
3857	Olive Butta F1	9.60	31.20	48.00	45.60	42.90
3842	Special Export F1 	15.80	51.35	79.00	75.10	70.60
3892	Speckled Pup F1	11.00	35.75	55.00	52.30	49.20
3871	Sunshine F1	15.80	51.35	79.00	75.10	70.60
3873	Sweet Mama F1	17.80	57.85	89.00	84.60	79.50
Butternut		100	500	1M	5M	25M
3809	Atlas F1	13.80	44.85	69.00	65.60	61.70
3861	Autumn's Choice F1	9.00	29.25	45.00	42.80	n/a
3808	Avalon F1	11.80	38.35	59.00	56.10	52.70
3811	Betternut 900 F1 	9.60	31.20	48.00	45.60	42.90
3829	Butterbaby F1	9.80	31.85	49.00	46.60	43.80
3824	Butterkin F1 	11.80	38.35	59.00	56.10	52.70
3800	Early Nutter F1	11.80	38.35	59.00	56.10	52.70
3818	Narragansett F1	9.00	29.25	45.00	42.80	40.20
3891	Ultra HP F1	9.60	31.20	48.00	45.60	42.90
Delicata		100	500	1M	5M	25M
3812	Bush Delicata	— Call for Availability —				
Hubbard		100	500	1M	5M	25M
3828	Red October F1 	13.80	44.85	69.00	65.60	61.70
3835	Tetsukabuto F1	19.80	64.35	99.00	94.10	88.50
Spaghetti		100	500	1M	5M	25M
3898	Angel Hair	11.80	38.35	59.00	56.10	52.70
3366	Millionaire F1	20.90	67.95	104.50	99.30	93.40
3366U	Millionaire F1 (untreated)	19.60	63.70	98.00	93.10	87.60
3863	Primavera F1 	14.60	47.45	73.00	69.40	65.20
3869	Stripetti F1	8.60	27.95	43.00	40.90	38.40
3888	Tivoli F1	10.40	33.80	52.00	49.40	46.50

Descriptions on Pages 84 - 90

Acorn		1 oz	1/4 lb	1 lb	5 lb
3877	Table Gold	7.35	18.76	48.00	47.04
3878	Table King Bush	4.30	10.96	28.00	27.52
3880	Table Queen	4.30	10.96	28.00	27.52
Assorted / Novelty / Ornamental		1 oz	1/4 lb	1 lb	5 lb
3802	American Tondo	14.45	37.04	95.04	93.12
3845	Guatemalan Blue Banana	12.95	33.16	84.96	83.36
3852	Jarrahdale	5.35	13.64	35.04	34.24
3849	Lakota	12.95	33.16	84.96	83.36
3853	Long Island Cheese	11.45	29.24	75.04	73.44
3846	Lunga Di Napoli	12.95	33.16	84.96	83.36
3850	Marina Di Chioggia	12.95	33.16	84.96	83.36
3858	Moranga	10.20	26.16	67.04	65.76
3833	North Georgia Candy Roaster	11.45	29.24	75.04	73.44
3862	Peanut (Galeuse d'Eysines)	14.45	37.04	95.04	93.12
3864	Pink Banana Jumbo	5.35	13.64	35.04	34.24
3867	Queensland Blue	9.90	25.36	64.96	63.68
3874	Red Warty Thing	11.45	29.24	75.04	73.44
3865	Silver Edged	12.95	33.16	84.96	83.36
3879	Strawberry Crown	12.95	33.16	84.96	83.36
3885	Tours	12.95	33.16	84.96	83.36
3887	Triway	12.95	33.16	84.96	83.36
3886	Turks Turban	9.90	25.36	64.96	63.68
3899	Yugoslavian Fingers	16.75	42.92	110.08	107.84
Buttercup / Kabocha		1 oz	1/4 lb	1 lb	5 lb
3890	Butter Belle F1	16.75	42.92	110.08	n/a
3825	Buttercup Burgess	4.30	10.96	28.00	27.52
3848	Jade F1	16.75	42.92	110.08	107.84
3859	Orange Dawn F1	16.75	42.92	110.08	n/a



Indicates Seed is available with FarMore®

Butternut		1 oz	1/4 lb	1 lb	5 lb
3844	Honeynut	12.95	33.16	84.96	83.36
3896	Waltham Butternut	4.30	10.96	28.00	27.52
Cushaw		1 oz	1/4 lb	1 lb	5 lb
3814	Autumn Colors Cushaw F1	16.75	42.92	110.08	107.84
3827	Cushaw White	6.85	17.56	44.96	44.16
3830	Cushaw Green Striped	4.30	10.96	28.00	27.52
3832	Cushaw Tri-Color	6.85	17.56	44.96	44.16
Delicata		1 oz	1/4 lb	1 lb	5 lb
3834	Delicata	8.40	21.44	55.04	53.92
3872	Sweet Dumpling	5.35	13.64	35.04	34.24
Hubbard		1 oz	1/4 lb	1 lb	5 lb
3820	Blue Hubbard	4.30	10.96	28.00	27.52
3821	Blue Hubbard New England	10.55	26.96	68.96	67.68
3817	Chicago Warded	4.30	10.96	28.00	27.52
3843	Golden Hubbard	4.30	10.96	28.00	27.52
3851	Hubbard (True Green)	4.30	10.96	28.00	27.52
3866	Red Kuri	9.00	23.04	59.04	57.92
Spaghetti		1 oz	1/4 lb	1 lb	5 lb
3893	Vegetable Spaghetti	4.30	10.96	28.00	27.52
3894	Vermicelli F1	16.75	42.92	110.08	n/a

SUNFLOWERS**Descriptions on Pages 91 - 94**

		100	500	1M	5M	15M			1 oz	1/4 lb	1 lb	5 lb
7017	Big Smile	5.80	18.85	29.00	27.60	26.20	7005	Autumn Beauty	4.90	12.52	32.00	31.36
7029	Cherry Rose F1	5.80	18.85	29.00	27.60	26.20	7013	Black Oil	4.45	11.36	28.96	28.48
7031	Joker F1	5.80	18.85	29.00	27.60	26.20	7021	Black Russian	4.45	11.36	28.96	28.48
7045	Lemon Cutie™ F1	5.80	18.85	29.00	27.60	26.20	7046	Carousel	7.50	19.16	48.96	48.00
7038	Little Becka F1	9.80	31.85	49.00	46.60	44.30	7012	Chocolate Cherry	4.90	12.52	32.00	31.36
7032	ProCut® BiColor F1	5.80	18.85	29.00	27.60	26.20	7041	Dwarf Incredible	5.35	13.64	35.04	34.24
7025	ProCut® Plum F1	5.80	18.85	29.00	27.60	26.20	7004	Dwarf Sunspot	4.90	12.52	32.00	31.36
7033	ProCut® Red F1	5.80	18.85	29.00	27.60	26.20	7042	Earthwalker	4.90	12.52	32.00	31.36
7026	ProCut® White Nite F1	9.80	31.85	49.00	46.60	44.30	7006	Evening Sun	4.90	12.52	32.00	31.36
7027	Santa Fe Sunrise F1	5.80	18.85	29.00	27.60	26.20	7034	Henry Wilde	4.90	12.52	32.00	31.36
7028	Santa Fe Sunset F1	5.80	18.85	29.00	27.60	26.20	7040	Ice Cream	10.85	27.72	71.04	69.60
7037	Starburst™ Lemon Éclair F1	9.80	31.85	49.00	46.60	44.30	7003	Lemon Queen	4.90	12.52	32.00	31.36
7020	Sunbright Supreme F1	5.80	18.85	29.00	27.60	26.20	7001	Mammoth Grey Stripe	4.45	11.36	28.96	28.48
7035	Sunfill Purple F1	5.80	18.85	29.00	27.60	26.20	7022	Mardi Gras - Dwarf	5.95	15.24	39.04	38.24
7044	SunnySide F1	5.80	18.85	29.00	27.60	26.20	7023	Mardi Gras - Tall	5.95	15.24	39.04	38.24
7018	Sunrich Lemon Summer F1	7.60	24.70	38.00	36.10	34.30	7010	Maximilian	8.40	21.44	55.04	53.92
7016	Sunrich Limoncello Summer F1	7.60	24.70	38.00	36.10	34.30	7043	Mongolian Giant	4.90	12.52	32.00	31.36
7015	Sunrich Orange F1	7.60	24.70	38.00	36.10	34.30	7024	Skyscraper	4.45	11.36	28.96	28.48
7014	Sunrich Orange Summer F1	7.60	24.70	38.00	36.10	34.30	7008	Sungold Dwarf "Teddy Bear"	4.90	12.52	32.00	31.36
7019	Sunrich Provence Summer F1	7.60	24.70	38.00	36.10	34.30	7007	Sungold Tall	4.90	12.52	32.00	31.36
7036	Terracotta F1	9.80	31.85	49.00	46.60	44.30	7002	Velvet Queen	4.90	12.52	32.00	31.36

SWISS CHARD**Page 94**

		2M	10M	50M	100M			1 oz	1/4 lb	1 lb	5 lb
3905	Bright Lights	5.75	4.95	4.75	4.55	3916	Northern Lights Mix	4.45	11.36	28.96	28.48
3919	Peppermint	2.85	2.05	1.85	1.65	3923	Pink Lipstick	3.05	7.80	20.00	19.68
		1 oz	1/4 lb	1 lb	5 lb	3930	Rhubarb (Ruby Red)	3.05	7.80	20.00	19.68
3908	Rainbow (Five Color Australian)	4.45	11.36	28.96	28.48	3935	White Cloud	3.05	7.80	20.00	19.68
3910	Fordhook Giant	3.05	7.80	20.00	19.68						

TOMATILLO**Page 95**

		100	500	1M	5M	25M			1/16 oz	1/4 oz	1 oz	1/4 lb
4296	Really Purple	4.00	13.00	20.00	19.00	18.10	4100	Tomatillo Verde	3.20	8.60	22.08	64.00
4299	Tamayo F1	22.00	71.50	110.00	104.50	99.30						

TOMATOES - HYBRID - RED FRESH MARKET

Descriptions on Pages 95 - 100

Determinate		100	500	1M	5M	25M	100M
4007	Amelia F1	25.60	83.20	128.00	124.20	115.60	107.50
4007P	Amelia F1 - Pelleted	25.80	83.85	129.00	125.20	116.40	108.30
4166	Bella Rosa F1	13.60	44.20	68.00	66.00	61.40	57.20
4022	Better Bush F1	5.40	17.55	27.00	26.20	24.40	22.70
4031	BHN 589 F1	20.60	66.95	103.00	100.00	93.00	86.50
4031P	BHN 589 F1 - Pelleted	20.80	67.60	104.00	100.90	93.90	87.30
4009	Biltmore F1	23.00	74.75	115.00	111.60	103.80	96.50
4021	Bush Champion II F1	35.80	116.35	179.00	173.70	161.50	150.20
4010	Bush Early Girl F1	9.80	31.85	49.00	47.60	44.30	41.20
4024	Camaro F1	23.80	77.35	119.00	115.50	107.40	99.90
4016	Celebrity Plus F1	13.80	44.85	69.00	67.00	62.30	58.00
4015	Celebrity Supreme F1	36.80	119.60	184.00	178.50	166.10	154.50
4015P	Celebrity Supreme F1 - Pelleted	37.00	120.25	185.00	179.50	166.90	155.30
4066	Empire F1	9.80	31.85	49.00	47.60	44.30	41.20
4074	Florida 91 F1	24.00	78.00	120.00	116.40	108.30	100.80
4081	Galahad F1	34.00	110.50	170.00	164.90	153.40	142.70
4077	Grand Marshall F1	23.00	74.75	115.00	111.60	103.80	96.50
4134	Heatmaster F1	19.60	63.70	98.00	95.10	88.50	82.30
4034	Maverick F1	19.80	64.35	99.00	96.10	89.40	83.10
4076	Mt. Fresh Plus F1	16.80	54.60	84.00	81.50	75.80	70.50
4076P	Mt. Fresh Plus F1 - Pelleted	17.00	55.25	85.00	82.50	76.70	71.40
4030	Mt. Majesty F1	18.60	60.45	93.00	90.30	84.00	78.10
4030P	Mt. Majesty F1 - Pelleted	18.80	61.10	94.00	91.20	84.90	79.00
4173	Mt. Man F1	15.80	51.35	79.00	76.70	71.30	66.40
4043	Mt. Merit F1	21.20	68.90	106.00	102.90	95.70	89.10
4043P	Mt. Merit F1 - Pelleted	21.40	69.55	107.00	103.80	96.60	89.80
4048	Mt. Pride F1	5.00	16.25	25.00	24.30	22.60	21.10
4087	Myrtle F1	19.80	64.35	99.00	96.10	89.40	83.10
4050	Patio F1	9.80	31.85	49.00	47.60	44.30	41.20
4294	Red Bounty F1	23.00	74.75	115.00	111.60	103.80	96.50
4114	Red Deuce F1	26.00	84.50	130.00	126.10	117.30	109.10
4049	Red Snapper F1	25.80	83.85	129.00	125.20	116.40	108.30
4291	Roadster F1	23.00	74.75	115.00	111.60	103.80	96.50
4082	Saybrook F1	23.20	75.40	116.00	112.60	104.70	97.40
4085	STM2255 F1	36.80	119.60	184.00	178.50	166.10	154.50
4085P	STM2255 F1 - Pelleted	37.00	120.25	185.00	179.50	166.90	155.30
4069	Thunderbird F1	25.80	83.85	129.00	125.20	116.40	108.30

TOMATO ROOTSTOCK		Page 103				
		100	500	1M	5M	
6050	Maxifort F1		51.80	168.35	259.00	251.30

TOMATO DISEASE CODES		
CODE	DISEASE	CAUSED BY
Aal:	Alternaria stam canker	Alternaria alternata f.sp. Lycopersici
As:	Early Blight	Alternaria Solani
FF:	Leaf Mold	Fulvia fulva
Fol:	Fusarium Wilt	Specified races of Fusarium oxysporum f.sp. Lycopersici
For:	Fusarium crown & root rot	Fusarium oxysporum f.sp. Radicis-lycopersici
M:	Root knot	Meloidogyne arenaria, incognita, or javanica nematodes
N:	Nematode	Parasite
Pi:	Late blight	Phytophthora infestans
Pl:	Corky Rot	Pyrenchaeta lycopersici

Indeterminate		100	500	1M	5M	25M	100M
4025	Beef Maestro F1	5.80	18.85	29.00	28.20	26.20	24.40
4005	Beef Master F1	9.00	29.25	45.00	43.70	40.60	37.80
4001	Better Boy Plus F1	10.40	33.80	52.00	50.50	47.00	43.70
4003	Big Beef Plus F1	13.80	44.85	69.00	67.00	62.30	58.00
4123	Bigdena F1	131.00	425.75	655.00	635.40	590.90	549.60
4008	Big Zac F1	17.60	57.20	88.00	85.40	79.50	73.90
4006	Burpee's Big Boy F1	9.00	29.25	45.00	43.70	40.60	37.80
4071	Carina F1	45.00	146.25	225.00	218.30	203.00	188.80
4004	Champion II F1	12.60	40.95	63.00	61.20	56.90	53.00
4089	Cherokee Carbon F1	23.00	74.75	115.00	111.60	103.80	96.50
4051	Damsel F1	27.00	87.75	135.00	131.00	121.80	113.30
4078	Early Doll F1	5.00	16.25	25.00	24.30	22.60	21.10
4020	Early Girl F1	9.80	31.85	49.00	47.60	44.30	41.20
4161	Early Goliath F1	12.60	40.95	63.00	61.20	56.90	53.00
4084	Genuwine F1	17.80	57.85	89.00	86.40	80.40	74.80
4054	Goliath F1	10.80	35.10	54.00	52.40	48.80	45.40
4017	Italian Goliath F1	5.80	18.85	29.00	28.20	26.20	24.40
4037	Jet Star F1	9.80	31.85	49.00	47.60	44.30	41.20
4039	Jetsetter F1	9.80	31.85	49.00	47.60	44.30	41.20
4029	Loki F1	28.00	91.00	140.00	135.80	126.30	117.50
4293	Mt. Rouge F1 (Pelleted)	39.80	129.35	199.00	193.10	179.60	167.00
4019	Old Fashioned Goliath F1	5.80	18.85	29.00	28.20	26.20	24.40
4067	Super Fantastic F1	16.00	52.00	80.00	77.60	72.20	67.20
4061	Supersonic F1	9.80	31.85	49.00	47.60	44.30	41.20
4060	Supersteak F1	11.00	35.75	55.00	53.40	49.70	46.20

TOMATOES - HYBRID - SPECIALTY		Page 100				
Determinate		100	500	1M	5M	25M 100M
4171	BHN 871 F1	19.60	63.70	98.00	95.10	88.50 82.30
4171P	BHN 871 F1 - Pelleted	19.80	64.35	99.00	96.10	89.40 83.10
4065	Carolina Gold F1	15.60	50.70	78.00	75.70	70.50 65.60
4065P	Carolina Gold F1 - Pelleted	15.80	51.35	79.00	76.70	71.30 66.40
4086	Sunny Boy F1	5.00	16.25	25.00	24.30	22.60 21.10
Indeterminate		100	500	1M	5M	25M 100M
4130	Chef's Choice Purple F1	5.00	16.25	25.00	24.30	22.60 21.10
4162	Fried Green Tomato F1	5.00	16.25	25.00	24.30	22.60 21.10
4040	Lemon Boy Plus F1	13.80	44.85	69.00	67.00	62.30 58.00
4011	Pink Brandy-master F1	5.00	16.25	25.00	24.30	22.60 21.10
4093	Pink Delicious	15.00	48.75	75.00	72.80	67.70 63.00
4053	Pink Girl F1	10.00	32.50	50.00	48.50	45.20 42.00
4113	Tye-Dye F1	5.00	16.25	25.00	24.30	22.60 21.10

TOMATO DISEASE CODES		
CODE	DISEASE	CAUSED BY
Pst:	Bacterial speck	Pseudomonas syringae pv. tomato
Ss:	Gray leaf spot	Stemphylium solani
ToMV	Tomato mosaic	Tomato mosaic tobamovirus
TMV:	Tobacco mosaic	Tobacco mosaic tobamovirus
TSWV:	Tomato spotted wilt	Tomato spotted wilt tospovirus
TYLCV:	Tomato yellow leaf curl	Tomato yellow leaf curl virus
V:	Verticilium wilt	Specified race of Verticilium albo-atrum, V. dahliae
Xcv:	Bacterial spot	Zanthromonas campestris pv. Vesicatoria

TOMATOES - HYBRID - ROMA**Descriptions on Page 101**

Determinate		100	500	1M	5M	25M	100M
4068P	BHN 685 F1 - Pelleted	19.80	64.35	99.00	96.10	89.40	83.10
4058	Daytona F1	16.80	54.60	84.00	81.50	75.80	70.50
4268	La Roma III F1	13.80	44.85	69.00	67.00	62.30	58.00
4056	Mariana F1	12.60	40.95	63.00	61.20	56.90	53.00
4055P	Picus F1 - Pelleted	15.80	51.35	79.00	76.70	71.30	66.40
4063	Plum Regal F1	19.80	64.35	99.00	96.10	89.40	83.10
4094	San Marzano Yellow F1	19.80	64.35	99.00	96.10	89.40	83.10
4288	Saucy Lady™ F1	5.00	16.25	25.00	24.30	22.60	21.10

Indeterminate		100	500	1M	5M	25M	100M
4012	Marzineria F1	19.00	61.75	95.00	92.20	85.70	79.80
4090	San Marzano Hybrid F1	19.80	64.35	99.00	96.10	89.40	83.10

COCKTAIL HYBRID TOMATOES Page 101

Determinate		100	500	1M	5M	25M	100M
4080	Red Racer F1	19.80	64.35	99.00	n/a	n/a	n/a

TOMATOES - HYBRID - GRAPE Pages 102 - 103

Determinate		50	100	500	1M	5M	25M
4083	Fantastico F1	16.25	25.00	81.30	125.00	121.20	114.00
4165	Jolly Girl F1	19.25	29.60	96.20	148.00	143.60	135.00
4165P	Jolly Girl F1 - Pelleted	19.40	29.80	96.90	149.00	144.60	136.00
4102	Sun Bliss F1	16.25	25.00	81.30	125.00	121.20	114.00
Indeterminate		50	100	500	1M	5M	25M
4290	Gold Spark	43.30	66.60	216.50	333.00	323.00	303.80
4028	Juliet F1	16.80	25.80	83.90	129.00	125.20	117.60
4018	Marzito F1	19.40	29.80	96.90	149.00	144.60	136.00
4088	Morning Light F1	6.40	9.80	31.90	49.00	47.60	44.80
4044	Red Grape F1	11.05	17.00	55.30	85.00	82.40	77.60
4027	Smarty F1	29.80	45.80	148.90	229.00	222.20	208.80
4026	Sugar Plum F1	4.95	7.60	24.70	38.00	37.00	34.80
4052	Sugar Rush F1	7.70	11.80	38.40	59.00	57.20	53.80
4136	Sunsugar F1	7.70	11.80	38.40	59.00	57.20	53.80
4033	Sweet Hearts F1	38.35	59.00	191.80	295.00	286.20	269.00
4172	Valentine F1	21.45	33.00	107.30	165.00	n/a	n/a

TOMATOES - OPEN POLLINATED / HEIRLOOM - FRESH MARKET**Pages 104 - 105**

		100	500	1M	5M	25M	100M
4119	Black Brandywine	3.00	6.45	9.90	9.70	9.00	8.40
4118	Black Krim	3.00	6.45	9.90	9.70	9.00	8.40
4107	Cherokee Purple	3.00	6.45	9.90	9.70	9.00	8.40
4218	Fireworks	5.00	16.25	25.00	24.30	22.60	21.10
4115	German Johnson	3.00	6.45	9.90	9.70	9.00	8.40
4128	German Pink	3.00	6.45	9.90	9.70	9.00	8.40
4122	Green Zebra	3.00	6.45	9.90	9.70	9.00	8.40
4125	Hillbilly	3.00	6.45	9.90	9.70	9.00	8.40
4135	Mortgage Lifter	3.00	6.45	9.90	9.70	9.00	8.40
4110	Mr. Strikey	3.00	6.45	9.90	9.70	9.00	8.40
4138	Old German	3.00	6.45	9.90	9.70	9.00	8.40
4259	Oxheart	3.00	6.45	9.90	9.70	9.00	8.40
4140	Pineapple	3.00	6.45	9.90	9.70	9.00	8.40
4105	Pink Brandywine	3.00	6.45	9.90	9.70	9.00	8.40
4271	Rutgers	3.00	6.45	9.90	9.70	9.00	8.40
4154	Valencia	3.00	6.45	9.90	9.70	9.00	8.40
				1/16 oz	1/4 oz	1 oz	
4208	Beefsteak			7.95	21.44	55.04	
4106	Boxcar Willie			6.50	17.56	44.96	
4210	Carbon			7.95	21.44	55.04	

		1/16 oz	1/4 oz	1 oz
4108	Costoluto Genovese	6.50	17.56	44.96
4148	Djena Lee's Golden Girl	6.50	17.56	44.96
4216	Delicious	---	9.75	25.00
4121	Dr. Wyche's	6.50	17.56	44.96
4109	Evergreen	6.50	17.56	44.96
4127	Homestead	7.95	21.44	55.04
4230	Independence Day	7.95	21.44	55.04
4133	Italian Giant Beefsteak	6.50	17.56	44.96
4231	Jubilee	5.10	13.64	35.04
4241	Kentucky Beefsteak	6.50	17.56	44.96
4132	Legend	7.95	21.44	55.04
4238	Marglobe	---	9.75	25.00
4243	Mt. Gold	6.50	17.56	44.96
4255	New Yorker	3.65	9.76	24.96
4261	Ponderosa Pink	7.95	21.44	55.04
4267	Rose	6.50	17.56	44.96
4150	Tiffen Mennonite	6.50	17.56	44.96
4155	Yellow Brandywine	6.50	17.56	44.96
4295	Yellow Stuffer	6.50	17.56	44.96

TOMATOES - OPEN POLLINATED ROMA / PEAR**Page 106**

		100	500	1M	5M	25M	100M
4101	Amish Paste	3.00	6.45	9.90	9.70	9.00	8.40
4275	San Marzano	3.00	6.45	9.90	9.70	9.00	8.40
Roma / Pear				1/16 oz	1/4 oz	1 oz	
4117	Black Truffle			6.50	17.56	44.96	

Roma / Pear		1/16 oz	1/4 oz	1 oz
4254	Opalka	6.50	17.56	44.96
4266	Roma	7.95	21.44	55.04
4276	Striped Roma	6.50	17.56	44.96
4156	Yellow Pear	7.95	21.44	55.04

Prices per M or per lb

"M" = 1,000 Seeds

lb = Pound

TOMATOES - OPEN POLLINATED / GRAPE / CHERRY

Descriptions on Page 106

Grape / Cherry		100	500	1M	5M	25M	100M
4145	Artisan - Tiger Mixture	5.80	18.85	29.00	28.20	26.20	24.40
4111	Baby Grape	3.00	6.45	9.90	9.70	9.00	8.40
4214	Chocolate Cherry	3.00	6.45	9.90	9.70	9.00	8.40
4139	Indigo Rose	7.80	25.35	39.00	37.90	35.30	32.80
4144	Red Pear	3.00	6.45	9.90	9.70	9.00	8.40

Grape / Cherry		100	500	1M	5M	25M	100M
4151	Yellow Canary	11.80	38.35	59.00	57.30	53.30	49.60
Grape / Cherry		1/16 oz		1/4 oz		1 oz	
4222	Gold Nuggets			7.95		21.44	
4263	Red Cherry Large			—		9.75	

TURNIPS

Page 107

		1 oz	¼ lb	1 lb	5 lb	25 lb
4303	Golden Yellow Globe	—	4.80	12.00	11.72	11.24
4305	Purple Top White Globe	—	4.80	12.00	11.72	11.24
4310	Royal Crown F1	18.90	50.40	126.08	122.88	118.08

		1 oz	¼ lb	1 lb	5 lb	25 lb
4315	Seven Top	—	4.80	12.00	11.72	11.24
4325	White Egg	—	4.80	12.00	11.72	11.24
4330	White Lady F1	29.85	79.60	199.04	194.08	186.56

WATERMELON TRIPLOID / SEEDLESS

Pages 107 - 110

Red		50	100	500	1M
4456	Affirmed F1	23.85	39.76	159.00	265.00
4466	Belmont F1	25.65	42.76	171.00	285.00
4454	Bold Ruler F1	23.85	39.76	159.00	265.00
4490	Bottle Rocket F1	29.25	48.76	195.00	325.00
4469	Captivation F1	32.85	54.76	219.00	365.00
4457	Crunchy Red F1	31.05	51.76	207.00	345.00
4463	Dark Knight F1	49.45	82.46	329.70	549.40
4467	Eclipse F1	29.25	48.76	195.00	325.00
4462	Fascination F1	38.25	63.76	255.00	425.00
4481	Jet Ski F1	25.65	42.76	171.00	285.00
4497	Joy Ride F1	29.25	48.76	195.00	325.00
4465	Pee Dee Sweet F1	19.80	33.00	132.00	220.00
4471	Ruby F1	25.65	42.76	171.00	285.00
4474	Shoreline F1	29.25	48.76	195.00	325.00
4472	Sirius F1	29.25	48.76	195.00	325.00
4452	Sorbet F1	25.65	42.76	171.00	285.00
4476	Summer Slice SV0241 F1	26.55	44.26	177.00	295.00

Red		50	100	500	1M
4486	Sweet Dawn F1	40.05	66.76	267.00	445.00
4487	Sweet Gem F1	47.25	78.76	315.00	525.00
4460	Sweet Trick F1	26.55	44.26	177.00	295.00
4468	SWT7829 F1	14.85	24.76	99.00	165.00
4493	Tailgate F1	29.25	48.76	195.00	n/a
4479	Valor F1	40.05	66.76	267.00	445.00
Orange		50	100	500	1M
4475	Orange Crisp	29.25	48.76	195.00	325.00
Yellow		50	100	500	1M
4496	Amarillo F1	40.05	66.76	267.00	445.00
4461	Lemon Ice F1	29.25	48.76	195.00	325.00
4489	Yellow Buttercup F1	36.90	61.50	246.00	410.00

WATERMELON TRIPLOID POLLENIZER Page 110

		50	100	500	1M
4448	Ace Plus F1	20.25	33.75	135.00	225.00
4499	Wild Card Plus F1	22.50	37.50	150.00	250.00
4459	Wingman	10.35	17.25	69.00	115.00

WATERMELON DISEASE CODES

CODE	DISEASE	CAUSED BY
Co:	Anthraco	Collettrichum orbiculare
Fon:	Fusarium Wilt	Fusarium oxysporum f. sp. Niveum

Indicates Seed is available with FarMore®

25 Documentation Required

WATERMELON DIPLOID / SEEDED

Pages 110 - 112

		100	500	1M	5M
4403	Baby Doll F1 (Yellow)	5.80	18.85	29.00	28.20
4401	Estrella F1	23.00	74.75	115.00	111.60
4416	Fantasy F1	13.80	44.85	69.00	67.00
4433	Jamboree F1	21.80	70.85	109.00	105.80
4437	Lemon Krush F1	25.00	81.25	125.00	121.30
4428	Orangeglo	5.80	18.85	29.00	28.20
4429	Orange Krush F1	25.00	81.25	125.00	121.30
4420	Pata Negra (Jade Star) F1	26.40	85.80	132.00	128.10
4435	Sangria F1	23.00	74.75	115.00	111.60
4430	Shiny Boy F1	7.80	25.35	39.00	37.90
4436	Starbrite F1	18.40	59.80	92.00	89.30
4427	Sweet Fashion F1	9.80	31.85	49.00	47.60
4446	Sweetie Pie F1	8.60	27.95	43.00	41.80
4445	Top Gun F1	21.80	70.85	109.00	105.80
4450	Yellow Doll F1	27.80	90.35	139.00	134.90

		1/2 oz	1 oz	1/4 lb	1 lb
4402	All Sweet	4.00	6.10	15.60	40.00
4407	Black Diamond	3.90	5.96	15.28	39.04
4404	Bush Sugar Baby	7.75	11.90	30.48	78.08
4408	Charleston Gray	3.10	4.76	12.08	31.04
4412	Crimson Sweet	3.90	5.96	15.28	39.04
4410	Early Crimson Treat	4.20	6.40	16.40	41.92
4418	Jubilee Improved	3.90	5.96	15.28	39.04
4423	Moon & Stars	8.85	13.60	34.72	88.96
4409	Mountain Sweet Yellow	9.85	15.10	38.64	98.88
4438	Sugar Baby	3.90	5.96	15.28	39.04
4442	Tendersweet Orange	3.90	5.96	15.28	39.04
4451	Yellow Petite	9.85	15.10	38.64	98.88

Prices per M or per lb

"M" = 1,000 Seeds

lb = Pound

ATTRIBUTE STEWARDSHIP AGREEMENT

Section A

GROWER INFORMATION – Complete This Section – PLEASE PRINT CLEARLY

Grower Name (Last, First, MI) _____

Farming or "Doing Business As" (d/b/a/ Name): _____

Address: _____

City: _____ State: _____ Zip Code: _____

Business Phone: _____ County: _____

E-mail Address: _____

YOU, THE UNDERSIGNED GROWER, HEREBY ACKNOWLEDGE AND AGREE THAT: (1) YOU HAVE READ, UNDERSTAND, AND AGREE TO THE TERMS AND CONDITIONS OF THIS STEWARDSHIP AGREEMENT INCLUDING BUT NOT LIMITED TO GROWER'S LIMITED USE LICENSE(S) AND GROWER RESPONSIBILITIES SECTIONS; (2) THIS IS A LEGALLY BINDING CONTRACT; (3) YOU ARE FULLY AUTHORIZED TO ENTER INTO THIS STEWARDSHIP AGREEMENT; AND (4) YOU ARE VOLUNTARILY ENTERING INTO THIS STEWARDSHIP AGREEMENT.

Grower Signature
(individual at farm level responsible for planting)

Date

Return Agreement using one of the following methods – please keep a copy for your records:

Mail: **Holmes Seed Company, Inc.**
AgCele **2125 - 46th Street NW Canton, OH 44709**
P.O. Box **Email: sales@holmesseed.com**
Charles **TOLL FREE FAX: 1-877-492-0167**

Grower Name (Please Print Clearly)

Thank you for choosing one or more of the Licensed Technology. If You have any questions regarding the Licensed Technology or this Stewardship Agreement please call (877) GRO-CORN or 1 (877) 476-2676.

This Stewardship Agreement ("Stewardship Agreement") is entered into between you ("Grower") and Syngenta Seeds, LLC ("Syngenta"). By signing and returning this Stewardship Agreement without modification (other than Section A above), Syngenta grants Grower a limited license to use the proprietary technology Bt11 and/or the Bt11 x MIR162 x GA21 stack (each, a "Licensed Technology") embedded in Syngenta's sweet corn seed product or in any seed product distributed by a third party Syngenta-licensee (collectively, "Seed Product"). Any proposed changes to this Stewardship Agreement other than in Section A are hereby rejected by Syngenta and shall have no effect unless approved in writing by Syngenta.

STEWARDSHIP

Grower acknowledges receipt of the applicable Attribute® Grower Guide ("Crop Guide") which is incorporated herein by this reference and may be updated from time to time and found at <http://www.syngenta-us.com/seeds/vegetables/commercial-sweet-corn>. Grower agrees to periodically check the website for the current Crop Guide and to read and comply with the then current Crop Guide. If Grower uses any Licensed Technology after Syngenta's release of a new version of the Crop Guide or Stewardship Agreement then Growers use shall be deemed an acknowledgement of receipt and agreement to comply with the then current: (i) Crop Guide, (ii) Stewardship Agreement, and (iii) the terms and conditions on the Seed Product packaging (collectively, the "Agreement"). The collective Agreement constitutes the entire agreement between Grower and Syngenta regarding the purchase and/or use of Licensed Technology and supersedes any other terms and conditions whether express or implied.

GROWER'S LIMITED USE LICENSE(S). Grower agrees that the Licensed Technology is protected under one or more U.S. patents (the "Patents"). Once this Stewardship Agreement is signed by the Grower then the Grower is granted the limited right, under the applicable Patents, to purchase and plant sweet corn Seed Products containing the Licensed Technology in the United States or Canada (the "Territory") but strictly according to the terms of the entire Agreement. Grower agrees that any Seed Product acquired in the Territory shall only be planted in the Territory. Further, Grower agrees not to plant Seed Product in the Territory which was acquired outside of the Territory.

GROWER RESPONSIBILITIES. Grower shall: (a) use Seed Products solely for planting a single commercial crop of fresh produce, forage or grain for food, feeding or processing; (b) not supply, transfer, resell, license or sublicense any Seed Products to any other person or entity for planting or any other purpose; (c) not to save any crop produced from Seed Products for planting by Grower or any other person or entity; (d) abide by the terms of the entire Agreement, as it may be updated from time to time as described above; (e) report to Syngenta the number of acres and the location (county and state) where the Seed Product is planted within 45 days of planting; (f) communicate all applicable stewardship requirements and obligations to any of its employees and agents with respect to handling of or work involving Seed Products and/or the crop produced from Seed Products, and monitor such employees' and agents' compliance with Grower's responsibilities under the entire Agreement; and (g) not use or allow others to use Seed Products, the crop produced from Seed Products, the Licensed Technology or any plant material containing the Licensed Technology for: (i) crop breeding, (ii) research (including, without limitation, agronomic testing or generation of cooperative data against sweet corn seed not containing the Licensed Technology), (iii) generation of registration data or production of Seed Product (unless Grower has entered into a valid, written production agreement with a licensed seed company expressly authorizing one of more of these actions).

TERM AND TERMINATION. This Stewardship Agreement, once signed by Grower and accepted by Syngenta, will remain in effect until terminated by Grower or Syngenta. This Stewardship Agreement may be terminated by either party at any time for any reason by sending written notice of termination to the other party at the address for such party specified above. In the case of termination of this Stewardship Agreement by Grower, such notice of termination must include Grower's full name and address and Grower must immediately cease using any Licensed Technology. Further, Syngenta may terminate this Agreement for failure of Grower to fully comply with the Grower Responsibilities described above. If Grower violates any terms of this Stewardship Agreement, in addition to other remedies available to Syngenta and any owner of the Patents listed above, Grower may forfeit any right to obtain a license to the Licensed Technology in the future. If this Stewardship Agreement is terminated then Grower will no longer have a right to purchase or use Seed Products, but, Grower's obligations (including but not limited to the above Grower Responsibilities) and Syngenta's rights that arose under the Agreement prior to termination shall remain in effect.

LIMITATIONS OF WARRANTIES AND REMEDIES. Grower agrees that the Limitations of Warranties and Remedies expressly stated on the Seed Product packaging shall be incorporated in this section as if set forth in full.

GENERAL PROVISIONS.

- This Stewardship Agreement and the parties' relationship shall be governed by the laws of the state of Minnesota and the United States (other than the choice of laws rules).
- Grower's rights may not be transferred to any other person or entity without the prior written consent

REMEDY SWEET CORN – SUPPLEMENTAL AGREEMENT

Section A GROWER INFORMATION – Complete This Section - PLEASE PRINT CLEARLY	<p>YOU, THE UNDERSIGNED GROWER, HEREBY ACKNOWLEDGE AND AGREE THAT: (1) YOU HAVE READ, UNDERSTAND, AND AGREE TO THE TERMS AND CONDITIONS OF THIS SUPPLEMENTAL AGREEMENT; (2) THIS IS A LEGALLY BINDING CONTRACT; (3) YOU ARE FULLY AUTHORIZED TO ENTER INTO THIS SUPPLEMENTAL AGREEMENT; AND (4) YOU ARE VOLUNTARILY ENTERING INTO THIS SUPPLEMENTAL AGREEMENT.</p>				
Grower Name (Last, First, MI) <hr/> Farming or "Doing Business As" (d/b/a/ Name): <hr/> Address: _____ City: _____ State: _____ Zip Code: _____ Business Phone: _____ County: _____ E-mail Address: _____ Customer ID #: <i>(Assigned by Syngenta)</i> Technology #: <i>(Assigned by Syngenta)</i> Dealer Name: _____ Dealer Number: _____ (Office Use Only) Dealer Phone: _____ Third Party Syngenta-Licensee: _____ (Office Use Only)	<table style="width: 100%; border-top: 1px solid black; border-bottom: 1px solid black;"> <tr> <td style="width: 60%;">Grower Signature</td> <td style="width: 40%;">Date</td> </tr> <tr> <td colspan="2" style="font-size: small;">(individual at farm level responsible for planting)</td> </tr> </table> Grower Name (Please Print Clearly) Thank you for choosing one or more of the Licensed Technology. Return this Supplemental Agreement to the address shown below. If you have any questions regarding the Licensed Technology, your Stewardship Agreement or this Supplemental Agreement please call: 1 (877) GRO-CORN or 1 (877) 476-2676. Please return the agreement back to your Dealer at: <div style="text-align: right; border-top: 1px solid black; width: 100%;"> Dealer Address </div>	Grower Signature	Date	(individual at farm level responsible for planting)	
Grower Signature	Date				
(individual at farm level responsible for planting)					

This Supplemental Agreement ("Supplemental Agreement") is entered into between you ("Grower") and Syngenta Seeds, LLC ("Syngenta") and supplements the terms and conditions of your Stewardship Agreement with Syngenta (by its predecessor-in-interest, Syngenta Seeds, Inc.). By signing and returning this Supplemental Agreement without modification (other than Section A above) and pursuant to the terms of this Supplemental Agreement and the Stewardship Agreement, Syngenta grants Grower a limited license to use the proprietary technology Bt11 x MIR162 x GA21 stack (the "Licensed Technology") embedded in Syngenta's "Remedy" sweet corn seed product or in any seed product distributed by a third party Syngenta-licensee (collectively, "Seed Product"). Any proposed changes to this Supplemental Agreement other than in Section A are hereby rejected by Syngenta and shall have no effect unless approved in writing by Syngenta.

TERM AND TERMINATION. This Supplemental Agreement, once signed by Grower and accepted by Syngenta, will remain in effect until either terminated by Grower or Syngenta, or will be terminated automatically upon the termination of your Stewardship Agreement. This Supplemental Agreement may be terminated by either party at any time for any reason by sending written notice of termination to the other party at the address for such party specified herein. In the case of termination of this Supplemental Agreement by Grower, such notice of termination must include Grower's full name and address. If Grower violates any terms of this Supplemental Agreement and/or Grower's Stewardship Agreement, in addition to other remedies available to Syngenta and any owner of the Patents (as defined in the Stewardship Agreement), Grower may forfeit any right to obtain a license to the Licensed Technology in the future. If this Supplemental Agreement is terminated then Grower will no longer have a right to purchase or use Seed Product, but, Grower's obligations (including but not limited to the Grower Responsibilities as set forth in the Stewardship Agreement) and Syngenta's rights that arose under the Stewardship Agreement and this Supplemental Agreement prior to termination shall remain in effect.

ACKNOWLEDGEMENT; LIMITATION OF WARRANTIES AND REMEDIES. Grower acknowledges and understands that Grower has been informed that under certain stress conditions, Remedy sweet corn may exhibit tassels and/or glumes (male parts) growing out of the ear (female part) (the "Notice"). By its signature on this Supplemental Agreement, Grower acknowledges and agrees:

- Grower has been duly informed of the Notice;
- Grower accepts the Seed Product "as is", "where is" and with all faults and to assume all risks associated with use of the Seed Product and any actual or perceived impact on any crop yield or quality, and Grower will indemnify and hold harmless Syngenta and its affiliates from any claims related, directly or indirectly, to the performance or non-performance of the Seed Product and its impact on any crop yield or quality; and
- Grower waives any and all claims and releases Syngenta from any and all liabilities relating, directly or indirectly, to the Notice and the use of the Seed Product.

GENERAL PROVISIONS.

- This Supplemental Agreement and the parties' relationship shall be governed by the laws of the State of Minnesota and the United States (other than the choice of laws rules).
- Grower's rights may not be transferred to any other person or entity without the prior written consent of Syngenta.



Watermelon Waiver

Watermelon Seed may carry the pathogens which cause BFB, GSB, CGMMV and Anthracnose or other diseases (see definitions below). These pathogens can be introduced into a field by infested seed, infected transplants, volunteer watermelon, mechanical means, or natural spread from alternate hosts. While it is impossible to conduct all testing procedures to give results with 100% certainty with regard to the presence of any seed borne BFB, GSB, CGMMV and Anthracnose infection, industry accepted representative samples of watermelon seed lots may be routinely tested for these pathogens and no symptoms of these pathogens were found to be present within the known limits of detection. While it is the expressed desire of the Holmes Seed Company and its suppliers to supply disease free seeds, it cannot be guaranteed 100%.

Holmes Seed Company and its suppliers warrant that the watermelon seeds have been labeled as required under State and Federal Law, and that all seeds conform to the label description. Holmes Seed Company and its suppliers make no other warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose with respect to the sale of their seeds. Watermelon seeds are sold as is and with all faults. Purchaser assumes all risks as to quality and performance of watermelon seeds, including the risk that such seeds may carry BFB, GSB, CGMMV and Anthracnose or other diseases.

Purchaser hereby assumes all risk regarding such seeds, and expressly waives any damage claims with respect to BFB, GSB, CGMMV and Anthracnose or other diseases on watermelon seeds. The undersigned jointly and severally agree to defend, indemnify and hold harmless Holmes Seed Company and its suppliers, employees, agents, and dealers from and against any and all claims, demands, suits, liability, damages and expenses, including, but not limited to, attorneys' fees and court costs, which Holmes Seed Company and its suppliers may suffer or may be subject to, or arising in any way from the distribution by any of the undersigned of the subject seed and relating in any way to BFB, GSB, CGMMV and Anthracnose or other diseases of watermelon.

In consideration for Holmes Seed Company, or its suppliers, agreeing to sell watermelon seeds to Grower, Grower hereby agrees that it/he will only use such seeds for plantings on its/his own holdings, and will not, under any circumstances, sell, transfer, distribute or in any way dispose of any such seeds or seedlings grown from the seeds, with or without consideration, to any third party.

I HAVE READ THE ABOVE NOTICE, UNDERSTAND IT, AND AGREE TO BE BOUND BY ALL OF ITS TERMS. I ALSO ACKNOWLEDGE THAT I HAVE HAD THE OPPORTUNITY TO CONSULT WITH AN ATTORNEY REGARDING THIS NOTICE. I UNDERSTAND THIS NOTICE IS PART OF MY CONTRACT AND A CONDITION OF SALE WHICH APPLIES TO ALL SALES OF SEEDS NOW AND IN THE FUTURE.

Customer Name	Address
Business Name	Address
Phone	City, State, Zip
Fax	email
Signature	Date
Printed Name	Title

Definition of terms:

Bacterial Fruit Blotch – Bacterial Fruit Blotch (**BFB**), or *Acidovorax avenae* subsp. *citrulli*, is a serious disease which continues to be a serious risk in many areas of watermelon cultivation.

Gummy Stem Blight – Gummy Stem Blight (**GSB**) or, *Didymella bryoniae*, a fungus, is a serious disease which continues to be a serious risk in many areas of watermelon cultivation.

Cucumber Green Mottle Mosaic Virus – Cucumber Green Mottle Mosaic Virus (**CGMMV**) is a serious disease which continues to be a serious risk in many areas of watermelon production.

Anthracnose – Anthracnose, or *Colletotrichum lagenarium*, a fungus, is a serious disease which continues to be a serious risk in many areas of watermelon production.

VEGETABLE SEED PLANTING GUIDELINES*

* These figures are approximations and may vary due to local conditions and customs.

PLANTING

VEGETABLE	APPROX SEEDS/ OUNCE	APPROX SEEDS/ POUND	APPROX SEEDS/ 100 FEET	DIRECT SEED PER ACRE	INCHES DISTANCE IN ROW	INCHES BETWEEN ROWS	SEED DEPTH INCHES	APPROX DAYS TO GERMINATION
Asparagus	800	12,800	1/2 oz.	6 - 8 lb.	12 - 18	36 - 72	1/2	15
Bean-bush	100	1,600	1 lb.	60 - 100 lb.	2 - 4	24 - 26	1 - 1-1/2	6 - 10
Bean-pole	100	1,600	1/2 oz.	50 lb.	6 - 8	36 - 48	1 - 1-1/2	6 - 10
Bean-lima	60	960	1 lb.	60 - 100 lb.	4 - 8	24 - 36	1 - 1-1/2	6 - 10
Beet	1,700	27,200	1 oz.	10 - 14 lb.	2 - 4	12 - 24	1/2 - 1	7 - 14
Broccoli	8,000	128,000	1/4 oz.	1/2 - 1 lb.	12 - 18	18 - 36	1/4 - 1/2	6 - 10
Brussel Sprouts	8,000	128,000	1/4 oz.	1/2 - 1 lb.	15 - 18	24 - 36	1/2 - 1	6 - 10
Cabbage	8,000	128,000	1/4 oz.	1/2 - 1 lb.	8 - 18	18 - 36	1/4 - 1/2	6 - 10
Carrot	18,000	288,000	1/2 oz.	2 - 3 lb.	1 - 2	18 - 24	1/2	12 - 18
Cauliflower	8,000	128,000	1/4 oz.	1/2 - 1 lb.	15 - 18	24 - 36	1/4 - 1/2	6 - 10
Celery	70,000	1,120,000	1/8 oz.	1 lb.	6 - 8	24 - 36	1/8	14 - 21
Chard	1,700	27,200	1/2 oz.	2 lb.	6	24 - 36	1/2	7 - 10
Collards	8,000	128,000	1/4 oz.	1 - 3 lb.	8 - 15	18 - 36	1/2	6 - 10
Corn-sweet	150	2,400	4 oz.	8 - 10 lb.	7 - 10	30 - 36	1-2	7 - 10
Cucumber	1,000	16,000	1/4 oz.	2 - 3 lb.	15 - 36	48 - 72	1-2	6 - 10
Eggplant	6,500	104,000	1/8 oz.	1 lb.	15 - 24	60	1/4 - 1/2	7 - 14
Endive	25,000	400,000	1 oz.	1 - 3 lb.	8 - 12	18 - 24	1/2	10 - 14
Kale	8,000	128,000	1/4 oz.	3 lb.	12 - 24	18 - 36	1/2	10 - 14
Kohlrabi	8,000	128,000	1/4 oz.	3 lb.	6 - 8	18 - 36	1/2	7 - 10
Leek	9,000	144,000	1/2 oz.	4 lb.	4 - 6	12 - 30	1/2 - 1	10 - 15
Lettuce-leaf	25,000	400,000	1/4 oz.	1 lb.	6 - 15	12 - 24	1/8 - 1/4	5 - 8
Lettuce-head	25,000	400,000	1/4 oz.	1 lb.	6 - 15	12 - 24	1/8 - 1/4	5 - 8
Muskmelon	1,200	19,200	1/4 oz.	3 lb.	18 - 36	48 - 72	1 - 2	5 - 10
Mustard	12,000	192,000	1/4 oz.	4 lb.	4 - 8	24	1/4	5 - 10
Okra	500	8,000	2 oz.	8 lb.	18 - 24	42 - 60	1	7 - 14
Onion	7,000	112,000	1 oz.	4 lb.	1/2 - 3	12 - 18	1/2	7 - 12
Parsley	18,000	288,000	1/4 oz.	3 lb.	3 - 6	8 - 24	1/8 - 1/4	21 - 30
Parsnip	12,000	192,000	1/2 oz.	3 - 4 lb.	2 - 4	12 - 24	1/4 - 1/2	15 - 25
Peas	120	1,920	1 lb.	80 - 140 lb.	1 - 3	24 - 48	1-1/2	6 - 10
Pepper	4,500	72,000	1/8 oz.	1/2 - 1 lb.	15 - 18	24 - 36	1/4	10 - 14
Pumpkin-giant	100	1,600	20 seeds	3/4 - 1 lb.	72 - 96	96 - 120	1	7 - 10
Pumpkin-large	200	3,200	30 seeds	1 lb.	48 - 72	72 - 96	1	7 - 10
Pumpkin-small	300	4,800	50 seeds	1 - 2 lb.	24 - 60	60 - 80	1	7 - 10
Radish	3,400	54,400	1 oz.	10 - 12 lb.	1	9 - 12	1/2	7 - 10
Rutabaga	12,000	192,000	1/4 oz.	2 lb.	6 - 8	15 - 24	1/2	5 - 10
Salsify	1,800	28,800	1/2 oz.	8 lb.	3	15 - 24	1/2	7 - 10
Spinach	2,500	40,000	1 oz.	12 - 15 lb.	1 - 3	12 - 24	1/2	7 - 12
Squash-summer	300	4,800	1/2 oz.	4 - 5 lb.	12 - 36	48 - 72	1	7 - 12
Squash-winter	200 - 500	3200 - 8,000	1 oz.	2 - 4 lb.	24 - 60	72 - 120	1	7 - 12
Tomato	10,000	160,000	1/2 oz.	1/3 - 1 lb.	12 - 18	60	1/4	7 - 14
Turnip	14,000	224,000	1/2 oz.	2 lb.	2 - 4	12 - 24	1/4	6 - 10
Watermelon-large	300	4,800	1 oz.	3 lb.	24 - 48	72	1	8 - 10
Watermelon-small	500	8,000	1/2 oz.	2 lb.	24 - 48	72	1	8 - 10

ASPARAGUS



0002 Walker Deluxe F1



0001 Mary Washington

	Variety	Characteristics
0002	Walker Deluxe F1	Adapted for warm and cool climates. Male hybrid with high yield potential. Medium green spears with purple bracts are tight headed with excellent quality. Offers high tolerance to rust and fusarium.
0001	Mary Washington	A superior yielding type. The leading variety for market growers and home gardens. Produces thick, heavy dark green shoots. Rust-resistant. The large dark green spears have tight tips with a purplish tinge.

GARDEN BEANS

Bush Beans - Green Fresh Market — Listed by Maturity



0157 Provider



0117 Burpee Stringless

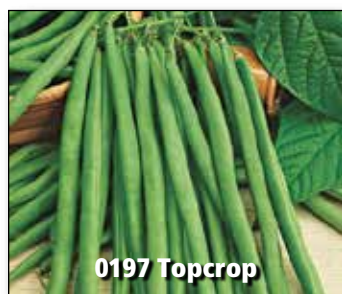


0121 Contender

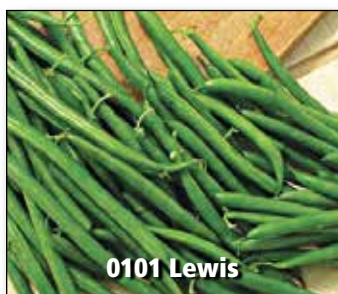


0189 Valentino

	Variety	Relative Days	Pod Length	Pod Shape	Seed Color	Pod Color	Resistance/Tolerance	Characteristics
0157	Provider	48	6"	Round	Purple	Medium Green	BCMV, BMV15, Ua, PM	An early shipper with straight pods with low fiber. Compact plants yield well in adverse conditions and are slow to wilt.
0117	Burpee Stringless	50	6"	Round	White	Medium Green	—	Pods are meaty, juicy and entirely stringless.
0121	Contender	50	6 - 7"	Round	Mottled	Medium Green	BCMV, PM	Flavorful and Stringless. Excellent for freezing and canning.
0189	Valentino	51	5½"	Round	White	Dark Green	BCMV, Ua	Fancy, slender pods are straight and well-positioned for mechanical harvest. Concentrated sets high on plant.
0197	Topcrop	52	5 - 6"	Round	Mottled	Medium Green	BCMV, BMV15	18 - 24" strong, upright plants, produce straight and stringless pods for concentrated pickings and high yields.
0101	Lewis	53	5 ½"	Round	White	Medium-Dark Green	BCMV, BCTV, Psp, Pss, Ua	Early, high yields of 3-4 sieve beans, on upright plants with high pod placement for easy mechanical or hand harvest. Straight, smooth and have slow seed development. Excellent disease package. One of the best tasting varieties available.
0187	Tema	53	5"	Round	Brown	Dark Green	BCMV	Offers enhanced emergence and early growth in cool soils. The pods have low fiber and excellent flavor.
0145	Prevail	54	5½"	Round	White	Dark Green	BCMV, BCTV	Excellent stress tolerance. Consistently delivers straight pods set high on an upright plant. Sieve size is 3½ x 4.
0178	Slenderette	54	5"	Round	White	Dark Green	BCMV, BCTV, BCMV15, PM	Stringless pods have small seeds which develop slowly. 14 - 20" plants hold the pods on the upper half of the plant.



0197 Topcrop



0101 Lewis



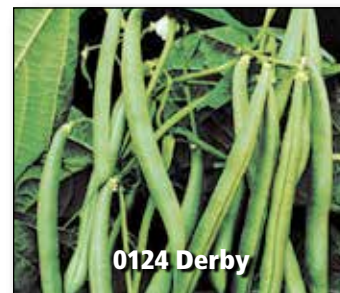
0187 Tema



0145 Prevail

Bush Beans - Green Fresh Market *(continued)* — Listed by Maturity**0238 Coyote****0133 Greencrop****0110 Nyquist****0166 Royal Burgundy**

	Variety	Relative Days	Pod Length	Pod Shape	Seed Color	Pod Color	Resistance / Tolerance	Characteristics
0194	Tendergreen Improved	54	5 - 6"	Round	Mottled	Dark Green	BCMV	Large 16 - 20" plants are heavy yielders of smooth, very meaty, stringless beans, with purple seeds mottled with tan.
0238	Coyote	55	5"	Round	Mottled	Dark Green	BCMV	Upright bush plant habit great for machine harvest. Pods resist bruising and breaking. Widely adapted to most growing regions.
0133	Greencrop	55	7"	Flat	White	Medium Green	BCMV	Bush KY Wonder type. Pods have excellent flavor, are tender and half the width of most Romano types.
0110	Nyquist	55	5 - 6"	Round	White	Dark Green	Ae, BCMV, BCTV, Pss	Excellent standing plants set long and straight pods high on the plant. Great disease resistance and yield potential.
0166	Royal Burgundy	55	5 - 6"	Round	Buff	Purple	—	The beautiful, dark purple 5" pods can be used raw in salads to add color. Stringless pods turn green when cooked. The upright plant is dark green with a purplish tinge on the stems.
0184	Strike	55	5½"	Round	White	Medium Green	BCMV, BMV15	Vigorous, upright plants produce high yields of straight, stringless slender, and very smooth pods. Continuous set for easy picking.
0193	Tenderette	55	5 - 6"	Round	White	Dark Green	BCMV, BMV15	Vigorous 18-20" upright plants set excellent quality straight pods high. Stringless, fiberless and widely adapted. Heat tolerant.
0161	Sybaris	56	5 - 6"	Round	White	Dark Green	BCMV, Ua	Gourmet pods are very straight with excellent uniformity and exceptional quality. Set high in the plant and off the soil surface.
0124	Derby	57	6"	Round	White	Dark Green	BCMV	Straight and tender with an intermediate sieve size and slow seed development. Concentrated set held well off the ground.
0107	Blue Lake Bush 274	58	6"	Round	White	Medium Green	BCMV	Extremely popular garden variety.
0118	Bush Kentucky 125	58	6 - 7"	Flat	White	Blue Green	BCMV, BMV15	Kentucky Wonder quality. Produces strong yields on a vigorous, upright, bush plant. Low in fiber.
0111	Dark Horse	58	5 - 6"	Round	White	Dark Green	BCMV, Psp, Cl, Ua	Excellent pod quality and uniformity. Upright plant habit. Improved standability. Average sieve size is 3 to 4.
0139	Jade (Original)	60	6 - 7"	Round	White	Dark Green	BCMV, BCTV, Ua	Upright bush plant produces smooth and shiny pods that are long, and straight with distinctive color, tender texture and sweet flavor. Less concentrated set. Best suited for hand pick.
0140	Jade II	60	6 - 7"	Round	White	Dark Green	BCMV, BCTV, Ua	Long dark green pods have excellent eating quality. Plants are large and upright. Grows in a less concentrated set. Widely adaptable. Darker than Jade (Original).

**0184 Strike****0193 Tenderette****0161 Sybaris****0124 Derby****0107 Blue Lake Bush 274****0111 Dark Horse****0139 Jade (Original)****0140 Jade II**

Bush Beans - Runner Type — Listed by Maturity**0152 Pink Half Runner****0183 State Half Runner****0196 Volunteer Half Runner****0198 White Half Runner**

	Variety	Relative Days	Pod Length	Pod Shape	Seed Color	Pod Color	Resistance / Tolerance	Characteristics
0152	Pink Half Runner	60	4 - 5"	Round	Pink	Bright Red	—	Dual purpose bean for snaps or baking. Also known as peanut in some areas.
0183	State Half Runner	60	5"	Flat/Oval	White	Medium Green	BCMV	A half runner type with a highly distinctive flavor. Vigorous bush with 3' non-climbing runners. Resistant to drought and heat.
0196	Volunteer / Tennessee Half Runner	60	6"	Oval	White	Light Green	BCMV, Ua	Developed at the University of Tennessee. Continuous set for 3 or 4 hand harvests.
0198	White / Mountaineer Half Runner	60	4 - 5"	Round	White	Medium Green	BCMV	Pods are slightly curved, medium green and slim. The bush plant may have shoots that reach 3 - 4 ft. Young pods are tender and stringless. Heat and drought resistant. Dries white.

Beans - Specialty - French / Filet and Oriental — Listed by Maturity**0170 Velour****0237 Rocdor****0287 Grenada****0290 Maxibel**

	Variety	Relative Days	Pod Length	Pod Shape	Seed Color	Pod Color	Resistance / Tolerance	Characteristics
0170	Velour	51	4 - 5"	Round	Beige	Bright Purple	BCMV, Psp	"Extra-fine" grade beans are short, straight, and slender. These filet beans turn green upon cooking. Medium-sized upright bush plants yield well.
0237	Rocdor	53	6"	Round	Golden-Yellow	Black	BCMV, Cl, Psp	Stringless, pick young to use as filet beans. Pods are glossy yellow (3 - 4 sieve size). Flavor is best described as rich and buttery. Widely adaptable.
0287	Grenada	58	5 - 6"	Round	White	Dark Green	BCMV, Cl, Psp, Pss, Ua	Very productive bush habit filet bean. Seeds are slow to develop. Pencil thin pods have intense bean flavor and retain texture when cooked. Long Shelf life. True 2 sieve size. Great disease package.
0290	Maxibel	60	7"	Round	Brown Mottled	Dark Green	BCMV, Cl	Very high yields of thin (1/4"), uniform, and long pods with great flavor. Concentrated set for hand or mechanical harvest.
0288	Fortex	70	6 - 11"	Round	White	Green	BCMV, Cl	Produces exceptionally long and slender pods on vigorous 6' plants that yield over an extended period. Pods are tender with sweet, mild, and nutty flavor. Trellis is recommended.
0106	Python	80	16 - 20"	Round	Reddish Brown	Dark Green	—	Stringless, sweet and richly flavored for steaming and stir-fry. Trellis required. AKA asparagus bean, yard-long bean, Dau Gok or Chinese noodle
0289	Orient Wonder	85	15 - 30"	Round	Light Green to White	Green	—	Also known as asparagus beans, yard-long beans, Dau Gok or Chinese noodle beans. Vigorous vines produce lots of long slender beans with slow seed development keeping the pod tender even at longer lengths. Trellis is recommended. Best when harvested at 15 - 18". Adaptable.

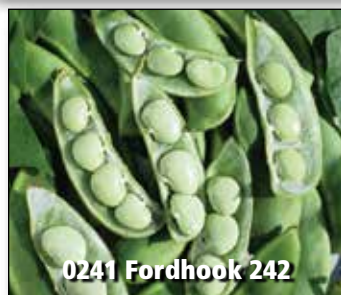
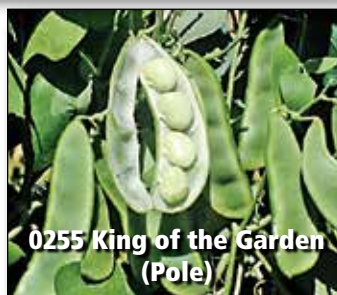
**0288 Fortex****0106 Python****0289 Orient Wonder**

Bush Beans - Flat / Romano Type — Listed by Maturity**0258 Red Swan****0239 Romano Gold****0160 Roma II****0102 Velero**

	Variety	Relative Days	Pod Length	Pod Shape	Pod Color	Resistance / Tolerance	Characteristics
0258	Red Swan	55	4 - 6"	Flat	Deep Rose-Purple	—	Stringless pods turn green when steamed. Tan seeds can be used as a dry bean.
0259	Romano Blend	55-58	4 - 6"	Flat	Red, Green, Gold	—	An eye-catching blend of Red Swan, Romano Gold, and Roma II Romano Beans
0160	Roma II	56	5 - 6"	Flat	Medium Green	BCMV, BMV15	High yielding and uniform. Very slow to develop seed and fiber. Upright bush.
0102	Velero	56	6"	Flat	Dark Green	BCMV, BCTV	Sets high on upright plants. 6" pods, high quality interiors, flavor and yield.
0239	Romano Gold	58	4"	Flat/Broad	Bright Yellow	BCMV	Attractive, productive wax bush bean. The dwarf, upright plants hold loads of pods well off the ground. Approximately 5-6 beans per pod.

Beans - Yellow Bush (Wax) — Listed by Maturity**0233 Goldmine****0237 Rocdor****0232 Gold Rush****0235 Pencil Pod Black Wax**

	Variety	Relative Days	Pod Length	Pod Shape	Pod Color	Seed Color	Resistance / Tolerance	Characteristics
0236	Resistant Cherokee	50	6"	Round	Golden-Yellow	Black	BCMV, Ua	Produces excellent yield. Good for fresh market, freezing, or canning.
0233	Goldmine	53	5 - 6"	Round	Gold	White	BCMV, Psp	Pods are straight, smooth, attractive and early. High yield potential.
0237	Rocdor	53	6"	Round	Golden-Yellow	Black	BCMV, Cl, Psp	Glossy Pods (3 - 4 sieve size). Its flavor is rich and buttery. Adaptable.
0232	Gold Rush	58	5 - 6"	Round	Dark Yellow	White	BCMV, BCTV	Reliable for fresh market and home gardens. Large sieve, 5½" pod.
0235	Pencil Pod Black Wax	60	5 - 7"	Round / Oval	Gold	Black	BCMV, Ua	Stringless, excellent quality on a vigorous bushy 14 - 21" plant.

Beans - Lima — Listed by Maturity**0241 Fordhook 242****0240 Burpee's Improved Bush Lima****0255 King of the Garden (Pole)****0243 Christmas Lima**

	Variety	Relative Days	Pod Shape	Pod Color	Seed Color	Characteristics
0245	Henderson Bush	65	Thick / Flat	Green	Creamy White	Dwarf lima, hardy, productive even under adverse conditions.
0248	Thorogreen	67	Flat	Light Green	Pale Green	Baby lima great for canning and freezing.
0241	Fordhook 242	70	Thick / Broad	Med.- Dark Green	Pale Green	Widely grown for heavy yield. Uniform, dependable under, hot, dry conditions. Produces until frost. Pods filled with 3-4 quality beans.
0240	Burpee's Improved Bush Lima	75	Thick / Flat	Green	Pale Green	Grows in clusters of 5 or 6 pods, slightly curved. Pods contain 4 or 5 large, flat, oval beans. Very easy to shell.
0255	King of the Garden (Pole)	88	Thick / Flat	Green	Creamy White	Pods up to 4 - 6" having 4 seeds per pod. Vigorous plant can reach height of 8 - 12 feet with sturdy support. Will bear beans until frost.
0243	Christmas Lima	100	Flat	Dark Green	White w/ Maroon Spots and Swirls	Heat tolerant pole plant produces excellent yields of large, Christmas-colored beans with rich flavor. Use as a shell lima or dry.

Beans - Pole — Listed by Maturity



	Variety	Relative Days	Pod Length	Pod Shape	Pod Color	Seed Color	Characteristics
0104	Seychelles	56	5 ½ - 6"	Round	Dark Green	Light Green	Stringless and uniform, the pods are firm surrounding the small and slow to develop seeds. Suitable for greenhouse or outdoors in cool conditions. Best at 4" but still crunchy and delicious at 6". Continuous set at 6 pods per node. HR to BCMV, CL, CMV.
0108	Blue Lake Pole FM1K	63	6 - 7"	Round	Medium Green	White	Offers high yields of sweet and round 6 - 7" stringless pods over an extended period. Vines average 5 to 6 feet tall.
0223	McCaslan 42	63	7 - 8"	Flat Oval	Medium Green	White	A vigorous grower and heavy producer, unlike other varieties, producing from the ground up over a long season. The pods are thick and meaty, stringless, brittle, fine grained and of excellent quality if harvested young.
0219	Kentucky Wonder	65	7½ - 8½"	Flat Oval	Medium Green	Buff Brown	5 - 7' plant is a good climber, hardy, prolific, and widely adapted. Pods are meaty, stringless and tender with distinctive flavor and quality when young. One of the best and most widely used home garden pole varieties for cut beans and freezing.
0109	Rattlesnake	70	6 - 7"	Round	Green w/ Purple Streaks	Tan with dark Streaks	Great warm weather bean. Attractive streaked pods have great taste and are tender when picked early.

Beans - Horticulture — Listed by Maturity



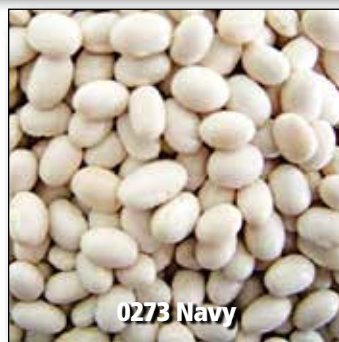
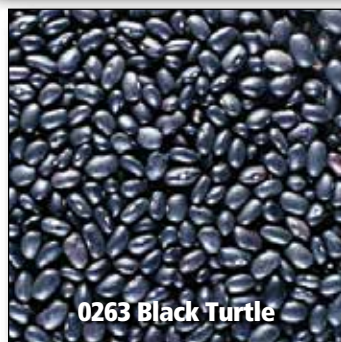
	Variety	Relative Days	Pod Length	Pod Shape	Pod Color	Seed Color	Characteristics
0211	Dwarf Horticultural Taylor	60	6"	Thick Flat	Red Flecked Yellow	Buff w/maroon streaks	Can be used early as green snaps but mostly used as green shell beans. Plants are semi-runner and do well in cool climates.
0212	Topazio Horticultural	67	6"	Oval	Red Speckled	Red Buff	Vigorous, and erect bush and pods are slightly smaller than Supremo Plus, but 5 days earlier. BCMV resistant.
0215	French Horticultural	68	7 - 8"	Thick Oval	Green / Red	Mottled Red	SEMI-RUNNER - Pods heavily splashed with that attractive red color that brings premium prices on the market.
0220	Supremo Plus	72	7"	Oval	Red Speckled	Speckled Red Buff	This horticultural bean has a true bush habit that does not set runners. The long pods contain 6 - 8 kidney shaped beans. Pods develop color 5 - 7 days before beans.
0216	Horto	72	6"	Thick Oval	Red Speckled	Mottled Red	A true bush plant with stringless pods. Can be used for snaps. The red speckled beans are great shelled or dry.

Edible Vegetable Soybeans (Edamame)

	Variety	Relative Days	Plant Height	Bean Size	Seed Color	Characteristics
0299	BeSweet 292	85	24"	900 - 1000 seeds per lb.	Yellow	Seeds are very large and uniform with high protein. Used primarily as a green shell bean with superior eating quality. The top commercial variety for vegetable soybeans due to having the best flavor.

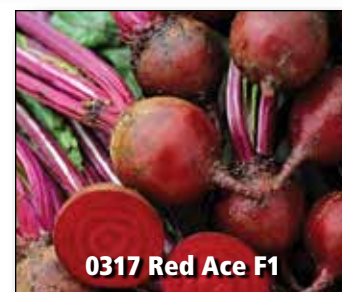


Beans - Shell & Miscellaneous — Listed by Maturity



	Variety	Relative Days	Plant Height	Seed Color	Characteristics
0269	Fava	52 - 85	24"	Green	Buttery texture with a slightly bitter, nutty flavor.
0263	Black Turtle	85	18 - 24"	Black	Dense meaty texture, very popular in vegetarian dishes.
0273	Navy	88	18"	White	Small white bean often used for baked beans and pies.
0270	Great Northern	90	16 - 24"	White	Large white bean often used in soups and baking.
0278	Pinto	90	24"	Mottled Brown	Young pods may be harvested and cooked as green pinto beans.
0268	Dark Red Kidney	95	24"	Red	Also called chili bean. Named for its visual resemblance to a kidney.

BEETS — Listed by Maturity



	Variety	Relative Days	Int. Color	Top Height	Characteristics
0333	Avalanche	45	White	10 - 24"	Round roots have a mild, white flesh with a sweet taste, earthy "beet" flavor, and no bitter aftertaste commonly found in most other beets.
0335	Rainbow Blend	50 - 65	Red, Gold, White, Red / White Striped	14 - 16"	A beautiful blend of some of the most popular beet varieties in wonderful colors, including red, gold, white, and red and white striped.
0312	Kestrel F1	53	Dark Red	12 - 13"	Early maturing and uniform. Develops outstanding, dark red interior color early. Tops are resistant to Cercospora leaf spot, Downy Mildew, Powdery Mildew, and Rhizoctonia.
0317	Red Ace F1	53	Deep Red	10"	Excellent for bunching. Extremely smooth root with even red color resists zoning in hot weather. Smooth crown with short, erect tops that can be harvested all season for greens.
0315	Red Cloud F1	53	Dark Red	10"	Early maturing with round, smooth shape and good tops. Flesh is very sweet with high sugar content that is free of zoning. Good for fresh market and processing.
0314	Eagle F1	54	Med Dark Red	14 - 16"	Fine textured roots are round, smooth, flavorful, and free of zoning. Small crowns strongly attached to dark green tops with nice red veining. Has shown good heat tolerance.
0324	Merlin F1	55	Dark Red	15 - 17"	Exceptional sweetness (12 - 15% brix). Attractive dark green, glossy tops hold their color throughout the season. Has intermediate resistance to Downy Mildew and Cercospora.
0319	Ruby Queen	55	Deep Ruby Red	10 - 12"	Round, smooth shoulder, small tap root. Interiors are bright red with fine texture.



BEETS (continued) — Listed by Maturity



0316 Touchstone Gold



0302 Chioggia Guardsmark



0307 Detroit Supreme



0308 Sugar Beet

	Variety	Relative Days	Int. Color	Top Height	Characteristics
0316	Touchstone Gold	55	Bright Gold	12"	Smooth, uniform, round roots with good internal color (slight zoning). Has green petioles and leaves. Retains its golden color when cooked.
0304	Cylindra	58	Dark Red	12 - 14"	Unique long cylindrical roots can be about 8" long and nearly 2" across.
0302	Chioggia Guardsmark	60	Purple / White	10 - 12"	Improved Chioggia offers sweet flavor and short attractive tops.
0307	Detroit Supreme	60	Blood Red	14 - 16"	Refined uniform globe-shaped beet. Interior resists zoning during prolonged dry periods and warm weather. The root has smooth skin and small tap root. Heavy yields.
0310	Lutz Green Leaf	63	Purple Red	14 - 18"	Sweet and not pithy even when large/stored. Pink veined green tops are great for greens.
0305	Detroit Dark Red	65	Dark Red	14 - 16"	Extremely popular high quality open pollinated red beet.
0308	Sugar Beet	85	White	12 - 24"	Thick flesh is high in sugar. Widely adapted with heavy yields. Average weight 3 lbs.

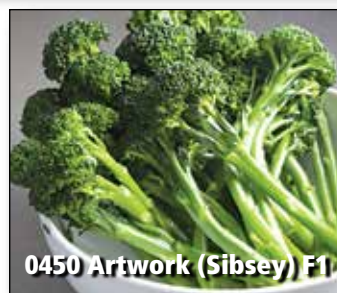
BROCCOLI — Listed by Maturity



0444 Aspacroc F1



0423 Monflor F1



0450 Artwork (Sibsey) F1



0411 Gypsy F1

	Variety	Relative Days (From Transplant)	Market Season	Head Traits	Resistance / Tolerance	Characteristics
0444	Aspacroc F1	50	Early Spring, Fall	Semi-Dome Stemmed	—	Known as Broccolini®. Resembles a broccoli raab with an asparagus stem, and mild taste. Harvest often for continued shoot production.
0423	Monflor F1	53	Spring, Fall	Narrow Transverse	—	Bred to be a 'One-Cut' Broccoli with a flat and loose head which allows quick and easy separation of small, high quality, florets on long stems. Very early, high yielding and uniform.
0450	Artwork (Sibsey) F1	55	Spring, Fall	Semi-Dome, Medium Bead	—	Tall upright plant produces beautiful dark green stem Broccoli. Excellent side shoot production after main crown harvest.
0411	Gypsy F1	55	Spring, Fall	High Dome, Small / Medium Bead	DM	The vigorous but uniform medium green plants yield smooth heads. Good heat tolerance.
0406	Green Magic F1	57	Spring, Fall	Semi-Domed	DM	Dependable, fancy quality heads. Sturdy and heavy, very good for crown cut. Dark green, 6 - 7" heads with <u>great side shoot production</u> .
0417	Emerald Crown F1	59	Spring, Late-Summer, Fall	Domed, Small Bead	—	Compact plant produces uniform blue-green heads that are heavy, solid and highly resistant to purpling.
0453	Jacaranda F1	62	Spring, Late-Summer, Fall	Domed, Medium Bead	—	A cross between a broccoli and a cauliflower give it a mildly sweet flavor. Uniform maturity and long shelf life. Beautiful Purple color.
0440	Waltham 29	63	Fall	Medium Dome	—	Produces uniform high yields. Cold resistance, dwarf compact plant. Steady side shoot production. Good for freezing.



0406 Green Magic F1



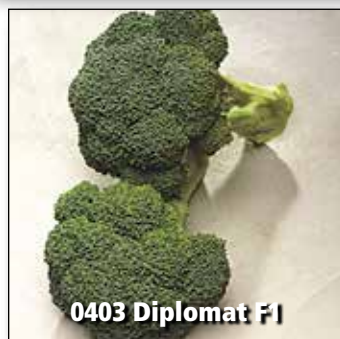
0417 Emerald Crown F1



0453 Jacaranda F1



0440 Waltham 29

BROCCOLI (continued) — Listed by Maturity

	Variety	Relative Days (From Transplant)	Market Season	Head Traits	Resistance / Tolerance	Characteristics
0403	Diplomat F1	68	Spring, Summer, Fall	Semi-Dome, Small Bead	DM	An attractive blue-green, this variety performs well in in the Northeast and Pacific Northwest. Good uniformity. Suitable for bunch and crown markets.
0410	Marathon F1	68	Fall	High Dome, Small Bead	DM	Widely adaptable, medium late, with very attractive heads and very fine beads. Good cold tolerance.
0415	Lieutenant F1	58	Spring, Fall	Semi-Dome, Medium Bead	—	High quality heads with nice dark green color. Medium size main stem with reduced hollow stem and minimal side shoots. Uniform maturity.
0419	Imperial F1	71	Summer, Early-Fall	Semi-Dome, Small Bead	—	Heat tolerant. This variety grows slowly in cold weather. Excellent post-harvest shelf life.
0445	Eastern Crown F1	74	Summer, Early-Fall	Dome, Small Bead	—	Heat tolerant. Beautiful heads have a nice blue-green color. Perfect for the crown cut/short trim market.
0431	Avenger F1	80	Early, Mid, and Late Fall	Dome, Small Bead	—	This widely adaptable variety is an excellent choice for the crown cut and processing markets. Provides dome-shaped, tight, heavy, blue-green heads with short bracts, thick stems and very small beads.
0436	Ironman F1	80	Spring, Summer	High dome, Fine-Medium Bead	—	Uniformity makes this variety easy to work, harvest and clean. Faster to harvest due to less leaves to remove on the stem. Good for Fresh Market, bunching, crown and processing uses. Blue-green in color, firm, very adaptable and heat resistant.
0433	Diamante F1	83	Summer, Early-Fall	Semi-Dome, Small Bead	—	Provides high yields of semi-domed, small-beaded, blue-green colored heads on large-framed plants. Prefers warm to warm and warm to cool growing conditions and holds color well.
0451	Millennium F1	83	Spring, Summer, Fall	High Dome,	—	Highly adaptable, good for crown cut due to uniformity at maturity. Good heat tolerance and fewer side shoots. Anthocyanin-free (will not purple) and holds blue-green color well after harvest.

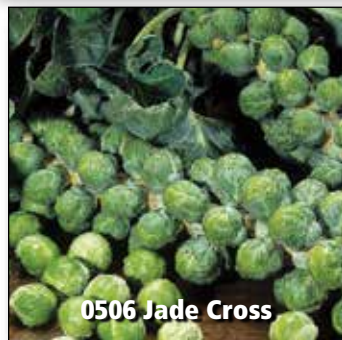
**BROCCOLI - RAAB**

	Variety	Relative Days (From Transplant)	Characteristics
0402	Broccoli RAAB (Spring Rapini)	60	Robust flavor. Shoots grow about 12" tall and form button-sized florets. Can produce 2 or even 3 cuttings in cool weather conditions.



Performance of all varieties may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years and consider the impacts of those conditions on the grower's field.

BRUSSELS SPROUTS — Listed by Maturity



0506 Jade Cross



0512 Red Bull



0508 Franklin F1



0514 Marte F1

	Variety	Relative Days	Sprout Size	Plant	Characteristics
0506	Jade Cross Original F1	75	1½"	Short	Deep green, medium firmness, close spacing. Very good standing, uniform, and high yielding.
0512	Red Bull	85	1 - 1½"	Tall	Milder and more nutty flavor than green types. Maintains dark red color well when cooked.
0501	Catskill Long Island Improved	95	¾ - 1"	Short	Popular OP variety with medium green sprouts.
0508	Franklin F1	100	1½"	Tall	Large, firm, medium-green, and flavorful sprouts mature quickly and are consistently productive.
0514	Marte F1	103	1 - 1½"	Tall	Widely adapted and easier to grow. Grows further South than traditional production areas.

CABBAGE

Cabbage (Hybrid Green) — Listed by Maturity



0628 Quick Start F1



0690 Tropicana F1



0639 Primo Vantage F1

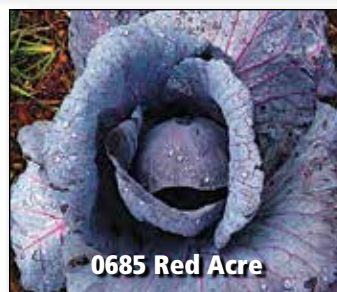


0626 Caraflex F1

	Variety	Relative Days (From Transplant)	Color	Average Size	Shape	Resistance / Tolerance	Characteristics
0628	Quick Start F1	55 - 60	Medium Green	3 lbs.	Round	Foc	One of the earliest with good uniformity and a compact plant. Recommended for spring to fall.
0620	K-K Cross Improved F1	58	Medium Green	5 - 7 lbs.	Oblate	—	Popular in tropical/sub-tropical markets due to high heat tolerance.
0608	Fast Vantage F1	59	Light Green	2½ lbs. / 5 - 6"	Round	—	Bred for early maturity and high yields. Good heat tolerance. Has nice fresh green color and sweet, mild flavor.
0603	Charmant F1	60	Blue-Green	2½ lbs. / 6"	Round	Foc, TB	Solid heads with a short core. Holds well in summer heat. Very compact - well adapted for close spacing.
0690	Tropicana F1	60 - 65	Green	4 - 6 lbs.	Semi-Flat	Foc, Xcc	Well-adapted to tropical areas. Early maturing with semi-flat, compact heads of excellent quality.
0610	Headstart F1	65 - 70	Green	2½ - 3 lbs	Round	—	Displays very uniform head size and good round shape. Best in warmer and drier climates.
0626	Caraflex F1	68	Green	1½ - 2 lbs. / 8 - 12" tall	Pointed	—	Distinctive mini heads are pointed, unique and attractive. Wrapper leaves are tight and protective. Inner leaves are tender & flavorful.
0602	Blue Vantage F1	70	Blue-Green	3 - 4 lbs / 6¾"	Round	Foc, TB	Good shipper. Heads are thick leaved, short cored, and slow to split. Withstands excess moisture. Good field holding ability.
0619	Platinum Dynasty F1	70	Blue-Green	3 - 4 lbs / 12 - 18" tall	Round	Xcc, Foc, TB	Widely adapted, with excellent uniformity of heavy heads and good holding ability.
0600	Blue Dynasty F1	75	Blue-Green	5 lbs. / 7"	Semi-Round	Foc, Xcc, TB	Nice solid heads with a medium-open plant frame.
0656	Cheers F1	75	Blue-Green	5 lbs. / 7"	Near Round	Foc, Xcc	Heads are large, solid, and uniform with a short core and large protective wrappers.
0638	K-Y Cross F1	75	Light Green	5 - 6 lbs.	Oblate	—	Tender, tasty heads grow on a small frame. Dense heads have a short core and thin leaves. Shows good heat tolerance.
0639	Primo Vantage F1	75	Dark Green	4 - 4½ lbs	Round	Foc	Very sweet, juicy, and tender. Provides excellent uniformity, holding ability and a short core.
0629	Royal Vantage F1	76	Blue-Green	3 lbs / 7"	Round	Foc	Large, solid heads with excellent wrap. Sizes well in cool weather or poor soil. An excellent shipper that holds well.

Cabbage (Hybrid Green) *(continued)* — Listed by Maturity

	Variety	Relative Days (From Transplant)	Color	Average Size	Shape	Resistance / Tolerance	Characteristics
0650	Stonehead F1	78	Green	4 - 6 lbs. / 6"	Round	Xcc, Foc	Solid heads with small interior core. Holds well without bursting.
0604	Bobcat F1	80	Dark Blue	4 - 6 lbs.	Round	Foc, Xcc, TB, BLS	Attractive, noted for uniformity and taste.
0692	Grand Vantage F1	80	Blue-Green	5 - 6 lbs. / 7"	Round	Foc	Dense solid interior and short core with tight wrapper leaves and a strong frame. Very adaptable main season variety. Good holding ability and yields.
0618	O-S Cross Improved F1	80	Medium Green	13 - 15 lbs.	Oblate	—	Gets very large with optimal conditions, heads are flat and late to burst. Recommended harvest is early summer to fall.
0658	SuperStar F1	80	Green	3 lbs. / 6 - 7"	Round	Foc, Xcc	Excellent quality, flavor, texture, and harvest flexibility. Solid heads are protected by a strong-framed plant and multiple wrapper leaves.
0609	Greenboy F1	80 - 85	Green	4 - 6 lbs.	Round	Foc	Produces a medium head with a very solid white interior. Widely adaptable. Exhibits heat and rain tolerance.
0611	Bravo F1	85	Blue-Green	4 - 8 lbs.	Round	Xcc, Foc	Use 10 - 12" spacing for market and 18 - 24" spacing for kraut. Outstanding field performance.
0693	Stellar Vantage F1	85	Green	5 lbs.	Round	Foc, Xcc	Medium, compact, dense heads have a short core and good field-holding.
0617	Pennant F1	88	Blue-Green	7 - 8 lbs.	Round	Foc, TB	Noted for its wide adaptation and strong holding ability. Excellent interior and flavor. Very sweet, good for kraut.
0635	Megaton F1	90	Blue-Green	20+ lbs.	Round	Foc, TB	Very large heads hold without cracking and the solid white interior retains a mild, sweet flavor. Grows well in clay-type soil.

**Cabbage (Open Pollinated Green)** — Listed by Maturity

	Variety	Relative Days	Size	Type	Color	Characteristics
0675	Golden Acre	62	2 - 3 lbs.	Round	Green	Easy to grow and the medium heads are firm and excellent cooked or raw.
0665	Copenhagen Market	68	3 - 4 lbs.	Round	Medium Green	Widely adapted with solid interior.
0673	Early Jersey Wakefield	68	2 - 3 lbs.	Pointed	Dark Green	Slow to bolt - popular for home garden.
0671	Early Flat Dutch	70 - 95	6 - 10 lbs.	Flat Round	Dark Green	Short core, few outside leaves set close in rows.
0685	Red Acre	76	3 lb.	Round	Red	Earliest red cabbage. Stands for a long time without splitting.
0670	Danish Ballhead	105	5 - 7 lbs.	Round	Blue Green	Good for all purpose and kraut.
0678	Late Flat Dutch	108	up to 30 lbs.	Flat Round	Green	Huge kraut cabbage, stores well.

Cabbage (Hybrid Red) — Listed by Maturity**0627 Red Dynasty F1****0623 Red Jewel F1****0642 Storage #4 F1**

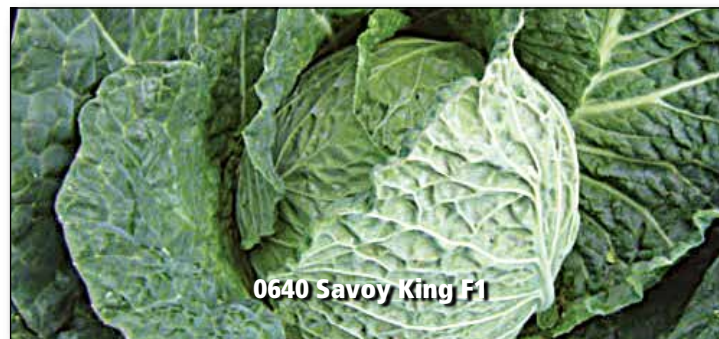
	Variety	Relative Days	Color	Average Size	Shape	Resistance	Characteristics
0627	Red Dynasty F1	77	Deep Red	3+ lbs. / 6½"	Round	Foc	Excellent internal color. The plant has a large frame and the heads hold well. Head is tall and erect and has a short core. Ideal for fresh and shredder markets.
0623	Red Jewel F1	77	Purple-Red	3 - 5 lbs. / 6½"	Round	TB	A high yielding hybrid Garnet red cabbage with uniform maturity. Head is tall and erect and has a short core. Ideal for fresh and shredder markets.

Cabbage - Storage (Hybrid) — Listed by Maturity

	Variety	Relative Days	Color	Average Size	Shape	Disease	Characteristics
0642	Storage #4 F1	110	Dark Green	4 - 8 lbs. / 10 - 12"	Round	Foc	Widely adapted, excellent yielding and holding ability. Nice dark green color. Great in late fall for fresh market. Later season plantings recommended for best storage results.

Cabbage (Hybrid Savoy) — Listed by Maturity

	Variety	Relative Days	Color	Average Size	Shape	Disease	Characteristics
0632	Savoy Ace Improved F1	73	Deep Green	3½ lbs.	Round	—	Fine quality main season savoy type. Round and very uniform with excellent interiors. Medium plants adaptable to all areas. Excellent yield potential and very sweet.
0640	Savoy King F1	80	Dark Green	4 lbs.	Flat Round	TB	High Yielding. Can be sown in spring, summer, and fall.

**0632 Savoy Ace Improved F1****0640 Savoy King F1****CHINESE CABBAGE****0633 Blues F1****0694 Merlot F1****0680 Michihilli****Chinese Cabbage — Napa / Michihilli**

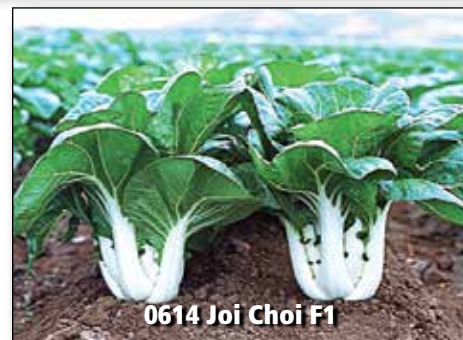
	Variety	Relative Days	Color	Characteristics
0633	Blues F1	57	Green with white ribs	4½ lbs. with great color and a barrel shape. Vigorous and slow to bolt.
0694	Merlot F1	60	Red and Purple with white ribs	Beautiful heads that are full and dense. Grows to about 10-12" long. Prone to internal tip burn especially in hot weather. Great as a fall crop.
0680	Michihilli	78	Green	Standard Open Pollinated Chinese cabbage for bedding plant growers.

Performance of all varieties may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years and consider the impacts of those conditions on the grower's field.

Chinese Cabbage — Pak Choi



0616 Mei Qing Choi F1

0624 Pak Choi
White Stem

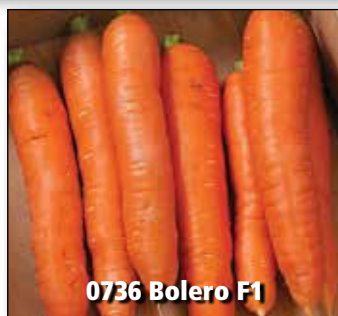
0614 Joi Choi F1

	Variety	Relative Days	Type	Color	Characteristics
0616	Mei Qing Choi F1	35	Napa (Celery)	Green	Hybrid Pak Choi with green petioles. Miniature, tight vase-shape plants are tender and of excellent eating quality. Vigorous, uniform plants are compact and slow to bolt. Tolerates heat and cold.
0624	Pak Choi White Stem	45 - 60	Napa (Celery)	Green w/ white stem	Delicious and mild leaves with thick white ribs are hardy and cold resistant.
0614	Joi Choi F1	55	Napa (Celery)	Dark Green, White Stalks	Well adapted to fall and winter planting. Very tender, shiny leaves with erect broad stalks. Uniform plants are slow to bolt, high yielding and cold tolerant.

CARROTS



0701 Atomic Red



0736 Bolero F1

0730 Colored Carrot
Combination

0709 Lunar White

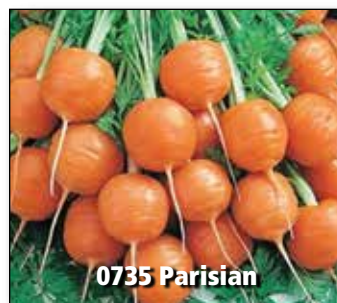
	Variety	Maturity	Shape	Size	Interior	Characteristics
0701	Atomic Red	Early	Tapered	9"	Red	High in lycopene. Cooking deepens color, improves flavor and texture
0703	Black Nebula	Midseason	Tapered	9 - 10"	Purple	Maintains its beautiful deep purple color throughout the entire root (no orange core). Very attractive raw and darkens when cooked.
0736	Bolero F1	Midseason	Slight Taper, Blunt Tip	7 - 8"	Orange	Nantes type. Uniform, excellent quality for fresh and after storage. Flavor is sweet with a juicy texture. Resistant to Alternaria blight, powdery mildew, cavity spot, bacterial blight and Cercospora blight. Fall and winter harvest.
0730	Colored Carrot Combo	Early / Midseason	Tapered	8 - 11"	Assorted	Nice blend of Purple, Red, White, & Yellow varieties.
0708	Cosmic Purple	Early	Slight Taper	6 - 8"	Orange	Bright purple exterior, interesting and tasty.
0705	Danvers	Early	Slight Taper, blunt tip	6 - 7"	Orange	Excellent for storage. Resists cracking and splitting.
0710	Imperator	Midseason	Slight Taper	8 - 10"	Orange	Small core, strong tops. Hybrid-like uniformity.
0707	Little Finger	Early	Cylindrical	3 - 4"	Bright Orange	Smooth, blunt tips color quickly. Harvest early for baby carrots.
0709	Lunar White	Midseason	Tapered	11"	White	Fine, mild flavor with a small core.
0732	Malbec F1	Midseason	Tapered	10"	Red	Small core with beautiful rich red internal color. Tops are slow to bolt.
0714	Mokum F1	Early	Slight Taper	6"	Deep Orange	Slender pencil-type roots are nearly coreless, color early. Sweet flavor and nice texture holds even in warm weather. Short tops.
0735	Parisian	Early	Round	1"	Orange	Round roots are very sweet, uniform, smooth, and nearly coreless.
0726	Purple Elite F1	Early / Midseason	Tapered	7 - 9"	Purple	Rich purple skin contrasts nicely with its yellow core and striations.



0732 Malbec F1



0714 Mokum F1



0735 Parisian



0726 Purple Elite F1

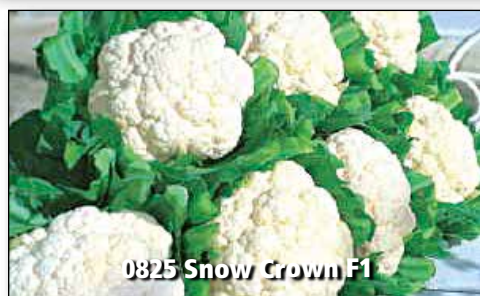
CARROTS *(continued)*



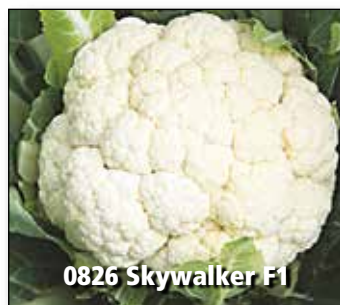
	Variety	Maturity	Shape	Size	Interior	Characteristics
0713	Royal Chantenay	Early	Cylindrical	5 - 7"	Red / Orange	Red-orange inside and out with sweet, fine-grained flesh and sturdy tops.
0715	Scarlet Nantes	Early	Cylindrical	5 - 6"	Orange	Bunching carrot with slightly pointed shape and rich orange/red color.
0717	Solar Yellow	Midseason	Tapered	6 - 7"	Yellow	Completely yellow carrot, very sweet flavor, extra crunchy and juicy.
0731	Sugarsnax F1	Midseason	Tapered	9 - 10"	Dark Orange	Dark orange, tapered roots are sweet and tender, smooth, and uniform. Tops are strong and medium-tall. HR: Alternaria blight.
0718	Tendersweet	Midseason	Tapered	8 - 10"	Orange	Red-orange roots are sweet, uniform, smooth, and nearly coreless.
0725	Triton F1	Midseason	Cylindrical	9 - 10"	Med. Orange	Has superb taste/texture with strong dark green tops.
0737	Viper F1	Midseason	Cylindrical	10 - 14"	Bright Orange	Very long with incredible top strength for easy harvesting. Small indistinctive core. Maintains length in high density planting. Great flavor and crisp texture.

CAULIFLOWER

White Cauliflower (Hybrid) — Listed by Maturity



	Variety	Relative Days (From Transplant)	Head Type	Plant	Self Wrapping	Characteristics
0825	Snow Crown F1	55	Semi-Domed	Medium	No	Popular for early maturity and superior uniformity.
0806	Minuteman F1	65 - 70	Semi-Domed	Medium - Large	Yes	Early vigorous hybrid for summer/fall. Head is pure white, uniform, and dense. Provides excellent head protection and heat tolerance.
0817	Freedom F1	66	Domed	Large	Yes	Amazing uniformity and beautiful white color. Tolerant to heat and stress.
0800	Absolute F1	75	Domed	Medium - Large	Yes	Provides good head protection. Excellent uniformity at maturity and widely adaptable. Curds have good density and bright-white color.
0802	Amazing F1	75	Deep Domed	Large	Yes	Vigorous and uniform with a thick leaf jacket. The upright wrappers provide good protection. Bright white color; very large and dense.
0826	Skywalker F1	75	High Dome	Medium - Large	Yes	Tight and refined with a milky curd. Vigorous, uniform, and widely adapted for fall harvest.
0813	Twister F1	75 - 80	Domed	Medium - Large	Yes	Widely adapted and uniform. Big vigorous plant has good heat tolerance. Unique twisting leaves form an exceptional wrap, protecting tight, heavy heads that are bright white. Prefers heavy soil.



Colored Cauliflower (Hybrid) — Listed by Maturity

	Variety	Relative Days (From Transplant)	Head Type	Plant	Color	Characteristics
0807	Depurple F1	68	Domed	Medium/ Large	Lavender / Pink	Uniform and consistent. Beautiful violet purple heads have attractive white floret stems when cut. Tastes great raw. Holds color when cooked.
0809	Clementine F1	70	Domed	Medium	Deep Orange	Vigorous, healthy plant structure provides excellent quality heads with firm curds and stunning deep orange color. Good for fresh or processing.
0818	Graffiti F1	75 - 80	Domed	Large	Deep Purple	The deep purple color and dark green leaves makes for a striking combination. Best for fall planting but can also be grown in spring.
0835	Vitaverde F1	75 - 80	Domed	Large	Green	Strong, vigorous, and fast growing upright plant produces vibrant green heads that are large and heavy with good quality. Prefers cool conditions.
0821	Veronica F1	78	Spiraled	Large	Lime Green	Romanesco: Heads have pointed, spiraled pinnacles. Mild nutty taste. Very unique and attractive.
0804	Flame Star F1	80	Domed	Medium	Pale Orange	Medium plant that produces smooth, dense, quality shaped curds. Exhibits better heat tolerance than most yellow/orange varieties.
0808	Cheddar F1	80 - 85	Domed	Medium	Orange	Attractive orange cauliflower. Recommended for fall or early spring due to poor heat tolerance. Do not wrap to intensify color.

**Cauliflower (Open Pollinated)** — Listed by Maturity

	Variety	Relative Days (From Transplant)	Head Type	Plant	Self Wrapping	Characteristics
0820	Snowball - Self Blanche	60	Semi-Domed	Large	Yes	Classic variety. Leaves will only self wrap during cool weather.
0823	Snowball Y Improved	65	Semi-Domed	Large	No	Widely adapted and high quality.
0811	Romanesco	75	Spiraling	Average	No	Also known as Roman broccoli. Has a unique and beautiful spiraling green head with great taste and texture.

CELERIC

	Variety	Relative Days	Characteristics
0925	Brilliant	110	Medium-large (3 - 5"), round, and relatively smooth roots. Interiors are white and flavorful. Skin is buff colored. Stores well.

**CELERY**

	Variety	Relative Days	Characteristics
0905	Tall Utah 52-70	98 - 120	Vigorous strain of Utah often used by commercial celery growers. Tall dark green plants with thick smooth stalks. Sweet without blanching and brown check resistant. Plant height about 25". Stalk length about 10-12."



COLLARDS

Collards (Hybrid) — Listed by Maturity



	Variety	Relative Days	Color / Leaf Type	Characteristics
0964	Top Bunch 2.0 F1	70	Medium Green / Slightly Savoyed	Resembles Top Bunch with wavy, lightly savoyed leaves. Offers vigorous and rapid regrowth after harvest. Suitable for fresh market bunching and machine harvest for processing.
0965	Top Chop F1	74	Dark Green / Smooth	Slow to bolt, this variety is good in the overwinter slot. Uniform, upright habit has wide leaves and fast re-growth for a bountiful harvest.

Collards (Open Pollinated) — Listed by Maturity

	Variety	Relative Days	Leaf Type / Color	Characteristics
0955	Champion	75	Dark Green / Slightly Savoyed	Longer standing, taller leaved, shorter stemmed, and thicker than Vates with the same color. Uniform, vigorous leaves.
0963	Georgia Southern	75	Blue Green / Slightly Savoyed	A classic standard for collards. Has large cabbage-like, juicy, crumpled, and blue-green leaves. Tolerant to heat and poor soil. Slow to bolt and very rapid growing.
0962	Jernigan	75	Light-Green to Yellow-Green / Savoyed	Faintly sweet, buttery-tasting heirloom. Very uniform variety. Leaves are elliptic in shape with a wavy margin. Leaves are entirely or slightly lobed and are slightly drooping.

SWEET CORN - Types

1. Standard (SU)

SU's are the oldest type of sweet corn with rapid conversion of sugar to starch after peak maturity or harvest.

2. Sugary Enhanced (SE) and (SE-SE)

SE varieties have a modifying gene which increases the original levels of sugars in the kernels and extends their flavor. Moisture loss is also slower than normal SU's and tenderness is improved. The result is a sweeter, more tender kernel with good corn flavor that will retain its quality longer. These corns are best suited for local or one day shipments. These SE corns can be either "fully sugary enhanced" (SE-SE) homozygous (both parents carry the SE gene) or "partially sugary enhanced" (SE) heterozygous (only one parent carries the SE gene).

3. Synergistic (SE-Sh2)

These varieties are generally comprised of 25% Sh2 kernel and 75% SE kernels on the cob. They are utilized primarily to increase sugar levels in the SU/SE types while maintaining the tender pericarp and creamy texture of SE types.

4. Super Sweet (Sh2)

"Super Sweets" or "Extra Sweets" have a shrunken (sh) gene, a name that describes the light-weight, wrinkled seed of this group. This gene raises original levels of complex sugars even further, again extending their flavor by slowing conversion to simpler sugars and finally to starch. Moisture is also retained in this type and shelf life is remarkably long. They should be isolated from all other corn types to ensure sweetness, tenderness and flavor as well as to prevent tough, starchy kernels. Distances of about 250 ft. upwind, with at least a 14 day difference in maturity keep contamination to a minimum.

Supersweet (Sh2) Hybrid Sweet Corn — CAUTION: Due to the elevated sugars and reduced starches of most Supersweet (Sh2) hybrid's, tolerances to cold and wet soil are poor. We suggest that Sh2 hybrid's are NOT used in early plantings when soil temperatures do not exceed 65° F.

All Sweet Corn is treated with Gaucho, Pancho or Cruiser (GPC) when available.

Applied directly to the seed, these insecticides provide contact and systemic protection against flea beetles up to the five true-leaf stage, and is effective against plant damage and stand loss caused by wireworms, seed corn maggots, imported fire ants and other secondary insect pests. The choice of Gaucho, Pancho or Cruiser is made at the producer level and cannot be specified. Performance of the three products is similar.

Performance Series™ — Roundup® Ready



Seminis® Performance Series™ Sweet Corn hybrids give you the confidence, and time, to do more. With outstanding yield potential, protection from above and below-ground insect pests and **tolerance to Roundup WeatherMAX® and Roundup PowerMAX® herbicides**, you now have more flexibility in the way you manage your operation.

85% less insecticide use

Provides both above- and below-ground protection from the broadest spectrum of insect pests, which can help you cut insecticide use by up to 85%.

Improved weed control

Offers the opportunity for in-crop applications of Roundup WeatherMAX and Roundup PowerMAX herbicides to help control weeds that rob vital moisture and nutrients from the soil, resulting in better growth and maximum yield potential.

Picture perfect quality

With advanced plant protection and improved weed control options, you can expect outstanding yield potential as you harvest full, quality ears. Taste and nutritional value are on par with the conventional sweet corn hybrids, such as Obsession and Passion.

Sustainable management practices

Helps reduce insecticide applications, thereby conserving resources and protecting the environment. **Provides control against:** Fall armyworm, European corn borer, Corn earworm, and south-western corn borer.

	Variety	Type	Relative Days	Detailed Features on Page:
1198	Temptation II	Bicolor SE-SE	71	48
1103	Anthem XR II	Bicolor Sh2	73	44
1126	Tigershark II	Bicolor Sh2	74	44
1105	Seminis SV9014SB	Bicolor SE-Sh2	77	47
1155	Obsession II	Bicolor Sh2	79	45
1201	Starfighter II	White Sh2	79	49
1222	Devotion II	White Sh2	80	49
1156	Seminis SV9010SA	Bicolor Sh2	80	45
1066	Passion II	Yellow Sh2	81	51

Performance Series™ sweet corn growers are required to have a current **Monsanto Technology Stewardship Agreement** (license). If you are not licensed you may complete the agreement at: <http://www.agcelerate.com>. Or call 800-435-6077 to request an agreement form.



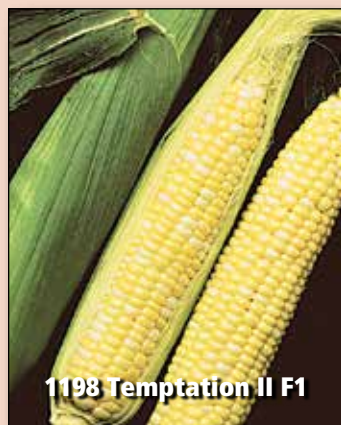
NOTE: Available in 2,500 seed package:

#1103 Anthem XR II

#1105 SV9014SB

#1155 Obsession II

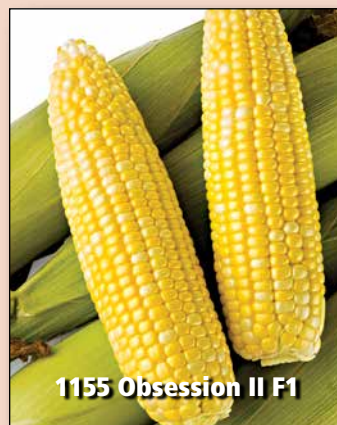
#1156 Seminis SV9010SA



1198 Temptation II F1



1126 Tigershark II



1155 Obsession II F1



1201 Starfighter II F1

Performance Series® sweet corn contain Cry1A.105, Cry2Ab2 and Cry3Bb1 proteins from *Bacillus thuringiensis* that together control European corn borer, southwestern corn borer, sugarcane borer, southern cornstalk borer, corn earworm, fall armyworm, common stalk borer, western corn rootworm, northern corn rootworm, and Mexican corn rootworm. This provides growers with a dual mode of action for many above-ground insects.

Performance Series® sweet corn can control corn earworm under typical infestation levels but supplemental insecticide applications may be required when corn earworm populations are above economic thresholds to ensure quality ears at harvest. Protection from corn earworm must be coupled with thorough scouting and spray programs to help maximize marketable yield potential. Supplemental insecticide sprays to control extremely high corn earworm infestations will aid in situations where high corn earworm pressure has been determined.

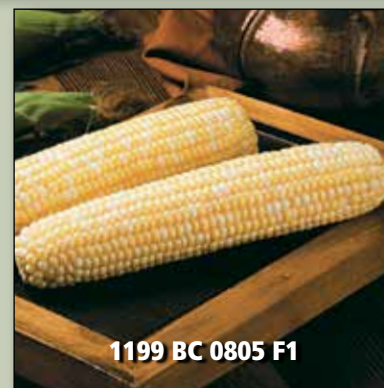
If supplemental insecticide applications are necessary for control of high levels of corn earworm, rotating insecticide mode of action will help reduce the risk of insect pests developing chemical resistance.

Sweet Corn - Attribute®



	Variety	Type	Relative Days	Details on page:
1199	BC 0805	Bicolor, Se-Sh2	80	47
1139	BC 0528	Bicolor, Se-Sh2	81	47

Attribute® insect protected varieties are hybrid sweet corn varieties from Syngenta Seeds, Inc. under the Rogers brand. These varieties produce a high level of built-in protection against European corn borer and corn earworm throughout the growing season. They carry the Cry1Ab gene that enables them to produce the same insect control protein (Bt) – a naturally occurring soil bacterium that some growers spray on their fields to control these pests. Attribute® produces the Bt protein throughout the leaves, silks, stalks and ears throughout the life of the corn, enabling them to provide season-long protection against these potentially devastating insect pests, thus reducing your dependence on insecticides required to control these pests.



1199 BC 0805 F1

Sweet Corn - Attribute® Plus



	Variety	Type	Relative Days	Details on page:
1003	Crown	Yellow, Sh2	78	44
1120	Patriarch	Bicolor, Sh2	78	45
1181	BSS0761	Bicolor, Sh2	80	45

NOTE:

Available in 2,500 seed package:
#1003 Crown

Attribute® Plus extends high-yielding potential by adding the Vip3A gene to Attribute's Cry1Ab. This additional trait provides a high level of above-ground protection against European corn borers and corn earworms.

Attribute® and Attribute® Plus growers can use Liberty 280 SL over the top to control weeds. Liberty 280 SL, a broad-spectrum herbicide, contains the active ingredient glyphosate.

Attribute® & Attribute® Plus varieties are NOT tolerant to glyphosate — (commonly known as Round Up®)



1120 Patriarch F1

Sweet Corn - Attribute® II



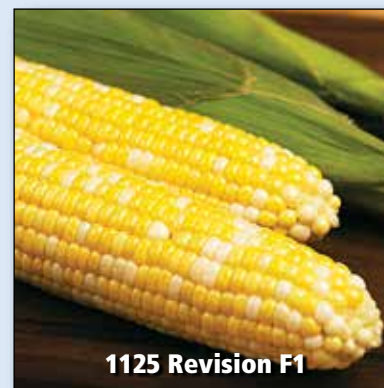
	Variety	Type	Relative Days	Details on page:
1167	Quick Trip	Bicolor, SE-Sh2	71	46
1124	Matriarch	Bicolor, Sh2	78	45
1125	Revision	Bicolor, SE-Sh2	78	47
1002	Protector	Yellow, Sh2	79	51
1266	Milky Way	White, SE-Sh2	82	50
1184	Remedy	Bicolor, SE-Sh2	82	47

Attribute® II offers the same combination of Cry1Ab and Vip3A genes as Attribute® Plus for high-level insect protection. Additionally these varieties offer tolerance to **Liberty®** (Glufosinate) and **Touchdown HiTech®** and **Touchdown Total®** (Glyphosate) herbicides for flexibility in weed management.

NOTE:

Available in 2,500 seed package:

#1002 Protector
#1125 Revision
#1167 Quick Trip
#1184 Remedy
#1266 Milky Way



1125 Revision F1

Although Attribute®, Attribute® Plus and Attribute® II sweet corn varieties reduce the need for chemical insect control, they do not entirely replace IPM controls. **Routine inspection throughout the season is critical for successful IPM.** Effective strategy for controlling worms doesn't entirely eliminate the need for insecticide treatment during periods of strong worm pressure.



A stewardship agreement must be signed for the purchase of Attribute®, Attribute® Plus, and Attribute® II varieties. We ask that you understand and follow the terms, guidelines, and practices outlined in the agreement. You will find a copy of this agreement on page 26 of the price list. You may also complete the agreement online at:

<http://www.agcelerate.com>

Sweet Corn - Bicolor, Supersweet (Sh2) Hybrids — Listed by Maturity



1112 Bolt XR F1



1166 Kickoff XR F1



1111 Solstice F1



1169 Hero XR F1

	Variety	Type	Relative Days	Plant Height	Ear Length	Row Count	Resistance / Tolerance	Characteristics
1193	Catalyst XR	Sh2	66	6'	7½ - 8 ¼"	14 - 18	Ps	Admirable ear size, good tip fill, and kernel color with nice sweetness. Great for fresh market and shipping.
1112	Bolt XR	Sh2	67	5'	7 - 7½"	14 - 18	Ps	High eating quality for an early variety, tender and sweet. Excellent tip fill and husk coverage.
1166	Kickoff XR	Sh2	69	6'	7 ¾ - 8"	16 - 18	Ps	Provides excellent seedling vigor, superior eating quality and ear size. Protective and attractive husks.
1111	Solstice	Sh2	70	6'	7½ - 8"	16	NCLB	Early maturing with strong emergence. Very sweet with strong tip fill.
1169	Hero XR	Sh2	71	5'	7 ¾"	14 - 18	Ps	Nice early shipper with strong seedling vigor for an Sh2. Provides great eating quality and excellent husk cover.
1176	Ignition	Sh2	72	6'	8"	16 - 18	—	Provides rapid emergence for an Sh2 with a tender bite and high yield potential.
1119	Signature XR	Sh2	72	6½'	7½ - 8"	16 - 18	Ps	Offers excellent tenderness, sweetness, flavor and overall quality. Good flags and a compact shank.
1161	Anthem XR	Sh2	73	5½'	7½ - 8"	16 - 18	Ps, NCLB	Good cold tolerance. Dark green husks provide good cover and flags. Very good tenderness and flavor.
1103	Anthem XR II Performance Series®	Sh2	73	5'	7 ¾ - 8"	16 - 18	Ps	Same excellent quality of original Anthem XR in a Performance Series® version.
1177	Momentum	Sh2	74	6'	8"	16 - 18	—	Strong emergence and vigor for an Sh2. Tender with high yield potential.
1132	Superb MXR	Sh2	74	6'	7 ½ - 8"	16 - 18	Ps, NCLB, MDMV	Strong plant, improved husk protection and ability to handle difficult growing seasons. Good for fresh and shipping markets. Very good sweetness and flavor.
1126	Tigershark II Performance Series®	Sh2	74	6'	7 ¾ - 8"	16 - 18	Ps	Good cold tolerance for an Sh2. Nice husk package. Excellent flavor.
1104	Everglades	Sh2	76	6'	7½"	14 - 16	NCLB	Good emergence. Dark green package, good kernel contrast, easy snap, crisp bite and fresh, sweet taste.
1131	Nirvana	Sh2i	76	6'	8"	16	Ps, NCLB	Great vigor and emergence for Sh2. High quality taste and texture. High yields of uniform, full tipped ears
1172	Simplicity	Sh2	76	6'	8"	16 - 18	NCLB	Provides exceptionally high quality with thin pericarp, super high sugar, and nice tip fill.



1176 Ignition F1



1119 Signature XR F1



1103 Anthem XR II F1



1177 Momentum F1



1132 Superb MXR F1



1126 Tigershark II F1



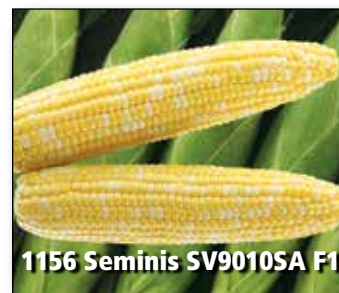
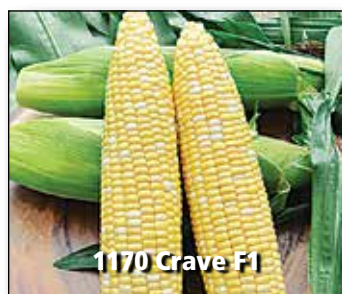
1104 Everglades F1



1131 Nirvana F1



	Variety	Type	Relative Days	Plant Height	Ear Length	Row Count	Resistance / Tolerance	Characteristics
1178	Velocity	Sh2	76	6'	8"	16 - 18	—	Extremely high eating quality and appearance. Ears are very tender and sweet.
1165	American Dream	Sh2	77	6'	7 3/4"	16 - 18	NCLB	Ears have tender kernels, superb eating quality, good tip fill and dark green husks with long flag leaves.
1147	Kate	Sh2	77	6'	7 1/2"	16 - 18	Ps	Exceptional eating quality, very tender. Refined kernels. Good field holding ability. Great for roadside and markets.
1168	Cadence XR	Sh2	78	6 1/2 - 7'	8"	16 - 18	Ps	High eating quality and ideal ear size for roadside markets. Attractive husk and good flag leaves.
1170	Crave	Sh2	78	6'	7 1/2 - 8"	16 - 18	—	Well adapted to many growing locations, this variety has great husk length, color and flags.
1173	Enchanted	Sh2	78	6'	8"	18 - 20	NCLB, Ps, Pst	High row count corn with well filled ears and placement. Suitable for hand and machine harvest.
1157	Inspiration	Sh2	78	6'	8"	16 - 18	NCLB, MDMV	Good vigor and high yields. Adaptable and great tasting. Mid to late slot choice, giving flexibility to your market for roadside or shipping. Nice husk package.
1124	Matriarch Attribute® II	Sh2	78	6'	8"	16 - 18	Ps	Can tolerate a higher seeding population. Excellent eating quality. All the benefits of the Attribute trait stack.
1179	Octane	Sh2	78	6'	8"	16 - 18	—	Ears hold very well on the plant for an extended period of time. Very high sugars.
1120	Patriarch Attribute® Plus	Sh2	78	6'	8"	16 - 18	NCLB, Ps, MDMV	Robust ear with excellent tip fill, outstanding kernel tenderness and flavor.
1164	Skyray	Sh2	78	6'	8"	18 - 20	NCLB, Ps, Pst	High row count corn with well filled ears and placement. Suitable for hand and machine harvest.
1154	Obsession	Sh2	79	6'	8 - 8 1/2"	16	NCLB, Ps, Pst	High eating quality with a more tender pericarp. Attractive husk and flag package.
1155	Obsession II Performance Series®	Sh2	79	6'	8 - 8 1/2"	16	NCLB, Ps, Pst	Same excellent eating quality of original Obsession in a Performance Series® version.
1181	BSS0761 Attribute® Plus	Sh2	80	6'	8"	16 - 18	—	Exceptional eating quality. Ears have dark green husks with very long, shiny flags. Fresh Market or Shipper.
1156	Seminis SV9010SA Performance Series®	Sh2	80	6'	8"	18 - 20	NCLB, Ps, Pst	Same outstanding qualities of Obsession II with an additional strain of rust resistance.



Sweet Corn - Bicolor, Sugary Enhanced Hybrids — Listed by Maturity**Synergistic (SE-Sh2)****1182 Vitality F1****1113 Latte F1****1133 Quick Start F1****1130 Sweetness F1**

	Variety	Type	Relative Days	Plant Height	Ear Length	Row Count	Resistance / Tolerance	Characteristics
1182	Vitality	SE-Sh2	66	5'	7"	14	—	Excellent flavor and yield. Performs well in cold soil.
1113	Latte	SE-Sh2	68	6'	7½ - 8"	12 - 14	—	Good cold soil performance with sweetness and tenderness. Outstanding quality, high yield potential with great tip fill.
1133	Quick Start	SE-Sh2	68	6'	8"	16	NCLB, Ps, Pst	Strong plant and large ear with excellent eating quality for the early slot. Strong emergence and vigor.
1130	Sweetness	SE-Sh2	68	6'	8"	16	—	Excellent emergence and vigor. Sturdy plant produces nice ear with solid tip fill. Fine eating quality.
1116	Espresso	SE-Sh2	69	6'	8 - 8½"	14 - 16	Ps, Pst	Handles stress very well. Great for cold soil and plastic production. Full season size and quality early.
1174	Tempress	SE-Sh2	70	6½'	8"	16	NCLB, MDMV, Ps	"Quadsweet" variety from the Crookham company. Ears have great eating quality. Sturdy plant with easy snap.
1142	Tenderfoot	SE-Sh2	70	6'	8 - 8½"	16 +	NCLB, Ps, Pst	Early season variety with extra-large ears with excellent texture, flavor, and high eating quality.
1167	Quick Trip Attribute® II	SE-Sh2	71	6'	7½"	14 - 16	—	An exciting early-season TripleSweet® bi-color variety ideal for growers in the northern U.S. and Canada. Strong tip fill, great husk cover and excellent ear size and shape.
1188	Evolution	SE-Sh2	72	6'	8"	16	—	Synergistic Plus: Good cold soil emergence and outstanding eating quality with an attractive outside package.
1114	Cappuccino	SE-Sh2	73	6½'	8 - 8½"	14 - 16	Ps, Pst	Outstanding flavor, texture, and appearance. Dark green plant is sturdy and stress tolerant.
1115	Cuppa Joe	SE-Sh2	73	6½'	8½"	16	Ps, Pst	Excellent tip fill, husk protection, and flags. Overall great appearance and flavor.
1187	Picasso	SE-Sh2	74	6'	8"	16	—	Exciting Red-Husk and plant variety that produces beautiful ears with high eating quality.
1101	Allure	SE-Sh2	75	6½'	8"	16	Ps, Pst	Nicely refined ear with strong tip fill, great husk cover, excellent flavor and appearance.

**1174 Tempress F1****1142 Tenderfoot F1****1167 Quick Trip F1****1188 Evolution F1****1114 Cappuccino F1****1115 Cuppa Joe F1****1187 Picasso F1****1101 Allure F1**

Synergistic (SE-Sh2) (continued)



1185 Spellbound F1



1194 Utopia F1



1123 Kristine F1



1105 Seminis SV9014SB F1

	Variety	Type	Relative Days	Plant Height	Ear Length	Row Count	Resistance / Tolerance	Characteristics
1185	Spellbound	SE-Sh2	76	6½'	8½"	18 - 20	Ps, Pst	Extremely high quality. Long ears are slender and well refined. Holds well on plant.
1194	Utopia	SE-Sh2	76	6½'	8 - 8½"	18 - 20	Ps, Pst	Outstanding eating quality, tight husk, and great flags.
1123	Kristine	SE-Sh2	77	6'	8½"	16 - 18	NCLB, Ps, Pst	Excellent vigor and husk protection with great flavor.
1105	Seminis SV9014SB Performance Series®	SE-Sh2	77	6'	8"	18 - 20	NCLB, Ps, Pst	Exceptional eating quality. Produces dark green husks that provide good protection.
1108	Essence	SE-Sh2	78	6½'	8 - 8½"	18 - 20	Ps, Pst	Very tender with high sugars. Refined ear with strong tip fill, excellent flag leaves and husk cover.
1107	Nectar	SE-Sh2	78	6 - 6½'	8"	18	NCLB	"Quadsweet" variety from the Crookham company. Sturdy plant produces ears with good husk protection, tip fill, and emergence. Flavor is sweet with a creamy texture.
1190	Progression	SE-Sh2	78	6'	8 - 8½"	18 - 20	—	Synergistic Plus: Large attractive ears offer extremely high quality and texture with strong tip fill.
1125	Revision Attribute® II	SE-Sh2	78	6'	8"	16 - 18	—	TripleSweet® variety with improved insect resistance through the Attribute II® trait stack.
1122	Montauk	SE-Sh2	79	6½'	8"	16 - 18	NCLB, Pst	Excellent flavor, quality, and overall appealing package.
1199	BC 0805 (BT Providence) Attribute®	SE-Sh2	80	6½'	8"	14 - 18	Bm, Ps, Pst	TripleSweet® eating quality. Attribute® Insect Protected variety. Widely adapted main season slot.
1106	Big N' Tender	SE-Sh2	80	6½'	8 - 8½"	18 - 20	Ps, Pst	Very tender ears are girthy with high row counts. Performs well in diverse weather conditions.
1109	Serendipity	SE-Sh2	80	7'	8"	16 - 18	Bm	Extended shelf life and high eating quality.
1139	BC 0528 Attribute®	SE-Sh2	81	6½'	8 - 8½"	16 - 18	—	TripleSweet® Plus, Primus-type variety with the added benefits of Attribute® trait stack Liberty® tolerance.
1146	Primus	SE-Sh2	81	6½'	8 - 8½"	14 - 16	Bm, Ps, Pst	TripleSweet® Plus variety. Produces consistent, long ears with tender juicy kernels with excellent eating quality.
1148	Providence	SE-Sh2	82	6½'	8"	14 - 18	Ps	Rust resistant version of Serendipity. High eating quality.
1184	Remedy Attribute® II	SE-Sh2	82	6½'	8"	16 - 18	—	Remedy is a BC0805-type with improved insect resistance through the Attribute® II trait stack.



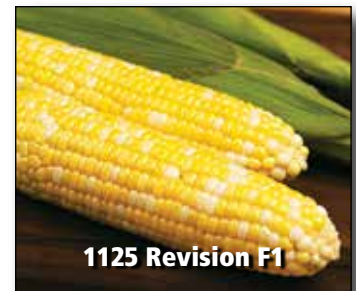
1108 Essence F1



1107 Nectar F1



1190 Progression F1



1125 Revision F1



1106 Big N' Tender F1



1139 BC 0528 F1



1146 Primus F1



1184 Remedy F1

Sweet Corn - Bicolor , Sugary Enhanced Hybrids — Listed by Maturity**Sugary Enhanced: Homozygous (SE-SE) and Heterozygous (SE)****1138 Fastlane F1****1195 Trinity F1****1197 Temptation F1****1198 Temptation II F1**

	Variety	Type	Relative Days	Plant Height	Ear Length	Row Count	Resistance / Tolerance	Characteristics
1138	Fastlane	SE-SE	67	4½' - 5'	7"	14 - 16	—	Good cold soil vigor. Blunt ears with well-filled tips.
1195	Trinity	SE-SE	67	5'	7½"	14	—	Compact plant with refined ear and husk protection.
1197	Temptation	SE-SE	71	6'	7½"	16 - 18	—	Excellent emergence and vigor. Great husk cover and tip fill.
1198	Temptation II Performance Series®	SE-SE	71	6'	7½"	16 - 18	—	Same trusted characteristics of original Temptation with the added benefits of Dual modes of above-ground insect protection, corn rootworm protection and tolerance to Roundup®
1136	Ambrosia	SE-SE	75	6½'	8"	16	Pst	Excellent flavor & quality, Bi-color Bodacious type.
1159	Precious Gem	SE-SE	80	6½'	9"	16 - 20	NCLB, Ps, Pst	Tender kernels, good flags, easy snapper on a clean plant.
1152	Peaches & Cream	SE	83	7'	8"	16 - 18	Bm, NCLB	Long-time favorite for home gardeners.
1117	Delectable	SE-SE	84	8'	9"	18	Bm, NCLB, Ps, Pst	Bi-Color version of Incredible. Wide adaptability.

**1136 Ambrosia F1****1159 Precious Gem F1****1152 Peaches & Cream F1****1117 Delectable F1**

Performance of all varieties may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years and consider the impacts of those conditions on the grower's field.

Sweet Corn - Bicolor, Standard Hybrids (SU)

	Variety	Type	Relative Days	Ear Length	Row Count	Characteristics
1110	Butter & Sugar	SU	75	7"	14	A home garden favorite with classic flavor and texture.

**1110 Butter & Sugar F1****All Sweet Corn is treated with Gaucho, Pancho or Cruiser (GPC) when available.**

Applied directly to the seed, these insecticides provide contact and systemic protection against flea beetles up to the five true-leaf stage, and is effective against plant damage and stand loss caused by wireworms, seed corn maggots, imported fire ants and other secondary insect pests. The choice of Gaucho, Pancho or Cruiser is made at the producer level and cannot be specified. Performance of the three products is similar.

Did you know?

Corn is a domesticated grass, not found in the wild. It was developed from a wild grass called teosinte.



	Variety	Type	Relative Days	Plant Height	Ear Length	Row Count	Resistance / Tolerance	Characteristics
1295	Leadoff MXR	Sh2	69	6'	7 1/4 - 8"	16 - 18	Ps, NCLB, MDMV	Very early with high kernel row count and good color. Very good husk protection. Excellent sweetness and flavor.
1290	Freedom MXR	Sh2	73	5'	7 1/2 - 8"	16 - 20	Ps, NCLB, MDMV	Widely adapted with high yield potential. Great ear size and attractive medium to dark green husk package. Lodge resistant.
1288	Xtra Tender 3473	Sh2	75	6'	8"	16 - 18	BM, NCLB, Ps, Pst	Nice flavor, tip fill and cover with good cool soil vigor for Sh2.
1210	Eden	Sh2i	76	7'	8"	16 - 18	NCLB	"Nirvana Series": Exceptional taste and texture with great emergence and vigor. High yielding, uniform, great tip fill, beautiful white even rowing.
1250	Glacial	Sh2	76	6'	8"	16 - 18	NCLB, Ps	A high quality variety that is good both fresh or for processing. Dark husk provides good protection.
1276	White Lightning	Sh2	77	6'	8"	16 - 18	NCLB, MDMV, Pst	Strong emergence and a very bright white kernel color. Highly rated eating quality. Overall top performer in it's maturity class.
1275	Silver Thunder	Sh2	78	6'	8"	16 - 18	NCLB, Ps, Pst	Extremely tender and sweet. Strong, dark green plants produce easy pick ears with short shank & exceptional husk protection.
1201	Starfighter II Performance Series®	Sh2	79	6' - 7'	8"	16 - 18	NCLB, Ps	Excellent flavor and husk package with the added benefits of the Performance Series® line of products.
1221	Devotion	Sh2	80	7'	8"	16 - 18	Pst	White version of Obsession. Very durable, resists lodging.
1222	Devotion II Performance Series®	Sh2	80	7'	8"	16 - 18	Pst	Same excellent quality found in Devotion F1 with the added benefits of the Performance Series® line of products.
1298	Platinum XR	Sh2	80	6'	7 1/2 - 8 1/4"	16 - 18	Pst, NCLB	Bright white color and improved eating quality for full-season segment. Good tip fill, ear size and husk coverage. Great for processing and fresh market.



Sweet Corn - White, Sugary Enhanced Hybrids — Listed by Maturity**Synergistic (SE-Sh2)****1226 Illusion F1****1231 Mirage F1****1266 Milky Way F1****1204 Diamond Mine F1**

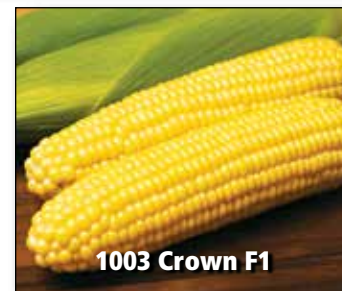
	Variety	Type	Relative Days	Plant Height	Ear Length	Row Count	Resistance / Tolerance	Characteristics
1226	Illusion	SE-Sh2	72	6½'	7½" - 8"	14 - 16	Ps, Pst	Outstanding package. Great tip fill and cover, with dark green husk. Nice flavor.
1204	Diamond Mine	SE-Sh2	78	7'	8"	16 - 18	NCLB	Quadsweet® variety with exceptional eating quality and glossy kernels. Excellent tip fill and husk protection.
1231	Mirage	SE-Sh2	78	6½'	8½"	16 - 18	Ps, Pst	White version of Essence. Very high yield potential. Outstanding tenderness and sugar. Great husk cover and strong tip fill.
1266	Milky Way Attribute® II	SE-Sh2	82	7'	8"	16	Bm, Ps	Triplesweet® Attribute® variety. Produces consistently high yields of quality ears with excellent flavor.
1207	Avalon	SE-Sh2	84	7'	8"	16	Bm, NCLB, Ps	Ears hold well on the stalk. Excellent overall quality, sweet and crunchy.

Sugary Enhanced: Homozygous (SE-SE) and Heterozygous (SE)

	Variety	Type	Relative Days	Plant Height	Ear Length	Row Count	Resistance / Tolerance	Characteristics
1206	Argent R/M	SE	83	7'	8 ½"	16 - 18	NCLB, Ps, Pst	Increased sugar and tenderness. Good for home and fresh market.
1265	Silver King	SE-SE	84	7'	8"	16	Bm, NCLB, Ps, Pst	High quality, attractive, and adaptive.

Sweet Corn - White, Standard (SU) Hybrids

	Variety	Type	Relative Days	Plant Height	Ear Length	Row Count	Resistance / Tolerance	Characteristics
1272	Silver Queen	SU	92	7'	8"	14 - 16	Bm, Pst	The classic white corn. An extremely popular old favorite.

Sweet Corn - Yellow, Supersweet (Sh2) Hybrids — Listed by Maturity**1096 Sprinter XR F1****1095 Vista XR F1****1097 Icon XR F1****1003 Crown F1**

	Variety	Type	Relative Days	Plant Height	Ear Length	Row Count	Resistance / Tolerance	Characteristics
1063	Northern Xtra Sweet	Sh2	67	5'	8"	16	Bm	Good cold soil emergence. Uniform with good husk protection.
1096	Sprinter XR	Sh2	67	5 ½' - 6'	7 - 7 ¾"	14 - 16	NCLB, Ps	Great husk protection, strong tip fill, and compact shank. One of the earliest yellow supersweets with Xtra-Tender eating quality.
1093	Takeoff	Sh2	69	6'	7 ½" - 8 ½"	16 - 18	NCLB	Offers impressive ear shape, and size for early maturity. This fresh market variety has great flavor and high eating quality.
1095	Vista XR	Sh2	69	7'	8"	14 - 16	NCLB, Ps	Fantastic eating quality, tender and sweet. Great ear size, tip fill, husk cover and flag leaves.
1097	Icon XR	Sh2	72	6½'	7½" - 8½"	14 - 18	NCLB, Ps	Great husk protection, tip fill, eating quality and field holding ability.
1003	Crown Attribute Plus®	Sh2	78	6'	7½" - 8½"	18 - 20	Ps, MDMV	Excellent flavor that is very sweet. All the benefits of the Attribute II trait stack.

Sweet Corn - Yellow, Supersweet (Sh2) Hybrids *(continued)* — Listed by Maturity

	Variety	Type	Relative Days	Plant Height	Ear Length	Row Count	Resistance / Tolerance	Characteristics
1092	Moonshine	Sh2	78	6'	8"	18 - 20	NCLB, Ps, Pst	Outstanding cold soil emergence for Sh2. High yielding with good tip cover, short shank, high sugar, and deep full kernels.
1002	Protector <i>Attribute II®</i>	Sh2	79	7'	8"	18	Bm, NCLB, Ps, Pst	Strong husk protection, straight rowing and excellent tip fill on uniform ears ideal for shipping.
1064	Passion	Sh2	81	6'	8"	18 - 20	NCLB, Ps, Pst	Flavor is excellent. Overall eating quality is outstanding.
1066	Passion II <i>Performance Series®</i>	Sh2	81	6'	8"	18 - 20	NCLB, Ps, Pst	Same outstanding eating quality of original Passion in in a Performance Series® version.

Sweet Corn - Yellow, Sugary Enhanced (SE) Hybrids — Listed by Maturity**Synergistic (SE-Sh2)**

	Variety	Type	Relative Days	Plant Height	Ear Length	Row Count	Resistance / Tolerance	Characteristics
1013	Café	SE-Sh2	68	6 - 6½'	7½" - 8"	12 - 14	Ps, Pst	Yellow version of Latte. Offers all the same great flavor, cold soil performance, and plant/ear characteristics as Latte.
1072	Inferno	SE-Sh2	74	6½'	8"	14 - 16	Ps, Pst	Excellent package: Great color, flags, tip fill and cover.
1026	Gold Standard	SE-Sh2	76	6'	8"	18	NCLB	<u>Quadsweet®</u> variety with strong emergence. Excellent eating quality.
1027	Honey Select	SE-Sh2	79	7'	8"	18 - 20	Pst	<u>Triplesweet®</u> variety. Good vigor. High quality ears.
1001	Aspire <i>Attribute II®</i>	SE-Sh2	80	6'	8½"	14 - 16	Bm, Ps	<u>Triplesweet®</u> variety with great eating quality and Attribute II® insect protection and weed management benefits.

Sweet Corn - Yellow, Sugary Enhanced (SE) Hybrids — Listed by Maturity**Sugary Enhanced: Homozygous (SE-SE) and Heterozygous (SE)**

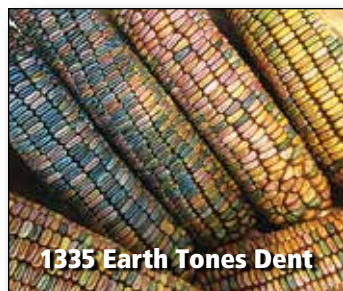
	Variety	Type	Relative Days	Plant Height	Ear Length	Row Count	Resistance / Tolerance	Characteristics
1081	Sugar Buns	SE-SE	72	6½'	7½"	14	NCLB, Ps, Pst	Excellent eating quality. kernels are delightfully tender with a rich, creamy sweetness
1012	Bodacious	SE-SE	75	7½'	8"	18	NCLB, Ps, Pst, MDMV	Sweet flavor with tender kernels. Easy snapper.
1021	Gold Nuggets	SE-SE	75	6½'	8"	20	NCLB, Pst	Good eating quality and holding ability.
1034	Incredible	SE-SE	83	7½'	9½"	18	Ps, Pst, MDMV	Excellent yields of big, attractive, and flavorful ears.
1042	Kandy Korn	SE	89	8'	8"	14 - 16	Pst	Distinctive Red-tinged husk. Good flavor.

Sweet Corn - Yellow/Red, Standard (SU) Hybrids — Listed by Maturity

	Variety	Relative Days	Ear Length	Row Count	Characteristics
1099	Double Red	85-95	6 - 7"	14 - 16	Sweet corn has kernel colors that range from very deep red to dark purple. Eat early for sweet corn or use later dried or ground to produce corn flour. Stock, tassels, husks, and cob are all a deep red / purple color.



ORNAMENTAL CORN



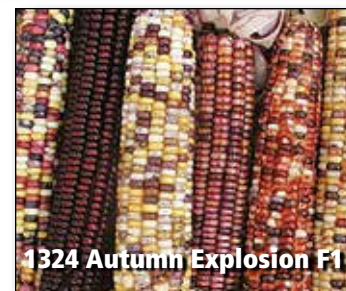
1335 Earth Tones Dent



1399 Firecracker F1



1327 Bloody Butcher



1324 Autumn Explosion F1

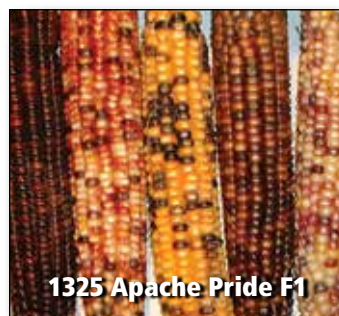
	Variety	Relative Days	Ear Length	Characteristics
1335	Earth Tones Dent	85 - 95	8 - 10"	Beautiful muted colors. Shows shades of natural fall colors – gold, bronze, mauve, pink, blue, green, and brown.
1399	Firecracker F1	95	5"	Strong plants are tall with good tip cover and very little shank. Many stalks have a beautiful purple/red color. Produces small white flakes when popped. IR: Ps, Pst
1339	Green & Gold Dent	95	8 - 10"	Many farmers favorite tractor colors: Green and Gold
1331	Cherry Berry F1	98	4"	Larger, longer ears than standard strawberry. Husk colors are a mixture of beige, burgundy, reds and streaked. 5 - 6' stalk height with good standability.
1323	American Pride F1	100	9 - 11"	A showy hybrid that is very bright, colorful and glossy, on a sturdy stalk.
1389	Rainbow Mini	100	3 - 6"	Produces nice percentage of red husks in this blend. Wide variety of kernel colors on the ear, including many pastels. Stalks are 6 - 8' tall and stand well.
1327	Bloody Butcher	100 - 110	8 - 12"	Heirloom variety with sturdy stalks produces multiple ears of deep red kernels with dark accents.
1324	Autumn Explosion F1	102	8 - 9"	Color combinations of red, white, blue, pink, yellow, purple and variegated kernels, some striped or spotted. Stalks are sturdy and long-standing. 25% are purple.
1337	Fiesta F1	102	8 - 9"	Short, stout plants are less susceptible to wind damage. 20 - 30% purple husks. An attractive mixture of yellow, red, white, blue, purple and variegated kernels.
1364	Rainbow Rays F1	104	9 - 11"	Dazzling multicolored kernels are glossy with many rich, unique colors. Stalks are long and sturdy.
1325	Apache Pride F1	105	9 - 11"	Gorgeous colors of large eared corn with sturdy stalks, some with purple husks. Earlier version of Cherokee Pride.
1380	Strawberry	105	2 - 3"	Small, dark red popcorn kernels with blond husk leaves. Grown on 5 - 6' plants.
1307	Strawberry De-Lite F1	105	3 - 4"	A beautiful mix of fall colors make this great for both popping and ornamental use.
1322	American Way F1	107	9 - 11"	An outstanding hybrid of vibrant, multicolored ears on a sturdy stalk. The color combinations are varied and show off the colors of fall.
1374	Red Stalker	107	7 - 8"	Tall red and purple stalks with colorful ears.
1338	Gorgeous Indian F1	108	8 - 10"	Beautiful multicolored ears with glossy kernels on a sturdy plant with red husks.
1329	Autumn Fireworks F1	109	9 - 11"	A very glossy, eye catching variety with many rich, unique colors. Has good quality stalks with some red husks.
1333	Carousel	110	4"	Seldom are two alike in color, yet the ears are uniform in size and packed with delicate popcorn size kernels. 7' plants produce multiple ears.
1342	Maiden's Rainbow Improved F1	110	8 - 10"	Unique multicolored ears on a large sturdy plant. A full season hybrid with both wide and narrow kernels along with a beautiful array of colors. Some purple husks will be shown.



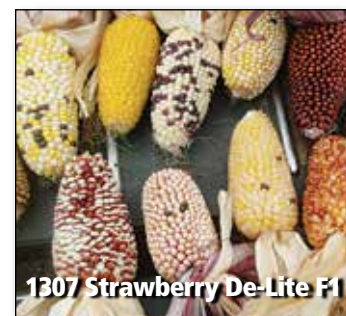
1337 Fiesta F1



1364 Rainbow Rays F1



1325 Apache Pride F1



1307 Strawberry De-Lite F1



1322 American Way F1



1374 Red Stalker



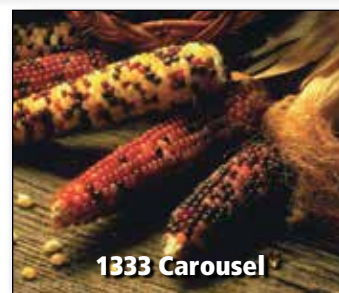
1338 Gorgeous Indian F1



1329 Autumn Fireworks F1

Ornamental Corn *(continued)* — Listed by Maturity**1341 Rio Grande Blue****1302 Rainbow Giant F1****1348 Glass Gem****1353 Neal's Paymaster
White Dent**

	Variety	Relative Days	Ear Length	Characteristics
1341	Rio Grande Blue	110	8 - 9"	Very dark blue kernels. Can be ground into blue flour for baking and chips.
1303	Shades of Blue	110	3 - 5"	Beautiful mixed shades of light and dark blues. Attractive husks are both white and red. Flavorful when popped.
1302	Rainbow Giant F1	112	12 - 14"	Giant ears have a high gloss and a beautiful variety of eye catching colors. Stalks are also very large.
1348	Glass Gem	120	6 - 8"	This variety has uniquely glassy-looking, translucent kernels. It can be popped, but results may vary. Plants are sturdy and can reach 10' tall. A longer growing season is needed for desirable yields.
1353	Neal's Paymaster White Dent	120	8 - 10"	Tolerates sub-optimum soil and heat, white seed with red cobs. Can yield better than most open pollinated single-ear dent corns.

Ornamental Corn - Popcorn — Listed by Maturity**1313 Robust Yellow F1****1301 R400MR F1
(Formerly Caramel Crisp F1)****1317 Robust White F1****1333 Carousel**

	Variety	Relative Days	Characteristics
1313	Robust Yellow F1	98	High yielding with very large popped flakes. Produces large yellow kernels excellent for candied popcorn ears.
1331	Cherry Berry F1	98	Larger ears (4") than strawberry. Husks are a streaked mixture of beige, burgundy, and red. 5-6' stalk height with good standability.
1301	R400MR F1 (Carmel Crisp)	100	A superior mushroom variety that has excellent plant health with broad dark green leaves, a sturdy single stalk, and tolerance to Goss's wilt. High yield potential. The rich orange kernel size is exceptional at 47k/10gm while popping about 80% mushroom flakes.
1317	Robust White F1	100	Large ears with large white kernels. Popped flakes are large, tender and hullless.
1320	Robust Ruby Red F1	105	5 - 6" ears with glossy burgundy kernels with no white. Tender with excellent flavor when popped. Makes an excellent ornamental.
1321	Shaman's Blue F1	105	Dark lavender-blue kernels pop to white flakes with a high expansion rate. Plant has strong stalks and is high yielding.
1380	Strawberry	105	2 to 3" ears. Small, dark red popcorn kernels with blond husk leaves. Grown on 5 - 6' plants.
1307	Strawberry De-Lite F1	105	A beautiful mix of fall colors make this great for both popping and ornamental use.
1333	Carousel	110	Seldom are two alike in color. Ears are uniform in size and loaded with delicate popcorn kernels. 7' plants produce multiple 4" ears.
1303	Shades of Blue	110	3 - 5" ears have beautiful mixed shades of dark and occasional light blue kernels. Attractive husks are both white and red.

Ornamental Corn - Broom Corn — Listed by Maturity

	Variety	Relative Days	Characteristics
1396	Mixed Colors	105 - 110	Kernels of red, dark brown, black/deep purple, deep gold, and shades of all these colors.
1398	Red	105 - 110	Seed is a mixture of light to medium to deep reds. Very desirable in arrangements and crafts.

**1396 Mixed Colors****1398 Red**

CUCUMBER

Cucumbers - Slicers — Listed by Maturity



1487 Superior F1



1401 Kosara F1



1429 Brickyard F1



1405 Bristol F1

	Variety	Relative Days	Habit	Fruit Size / Color	Resistance / Tolerance	Characteristics
1487	Superior F1	35 - 40	Gyno	9" Dark Green	CMV, PRSV, WMV, ZYMV, Psl, Ccu, A, PM	High yield through extended pickings. Maintains size and shape under stress. Large disease package and early maturity.
1459	Cool Breeze F1	45	Parth	5" Dark Green	Ccu, CMV, PM	Sets fruit without cross pollination, early yields and lots of fruit under almost any reasonable growing conditions. Fine white spines.
1402	Bush Crop	48	Mono	6 - 8" Med. Green	Ccu	Productive dwarf plant is great for limited spacing or containers. Fruit is crisp and flavorful.
1401	Kosara F1	50	Parth	12 - 13" Dark Green	Ccu, PM, TLS	Slightly ribbed with a small seed cavity. Suitable for year round greenhouse production. Best results when trellised or can grow on the ground.
1429	Brickyard F1	50 - 55	Gyno	8 - 9" Medium Green	A, Ccu, CMV, DM, PM PRSV, Psl, WMV, ZYMV	Excellent disease resistance. Early maturing with vigorous vines. High yield potential of fancy fruit.
1405	Bristol F1	50 - 55	Gyno	8 - 9" Dark Green	A, Ccu, CMV, DM, PM PRSV, Psl, ZYMV	Excellent disease resistance. Moderately vigorous plants produce high numbers of fruit with great quality, shape, and color.
1416	Armenian - Pale Green	50 - 75	Mono	12 - 36" Pale Green	—	Long, ridged, bitter-free and burpless with sweet flavor. Can grow up to up to 36" but are best between 12 and 18". Also known as snake melon.
1431	Diomedes F1	52	Gyno	8 - 9" Dark Green	Ccu, CMV, DM, PM PRSV, Psl, ZYMV	Suitable for both spring and fall planting. Strong, vigorous plants produce abundant yields of attractive, straight fruit.
1435	Southern Delight F1	54	Mono	8 - 10" Deep Green	A, CMV, DM, PM	Burpless. Similar to Orient Express. Vigorous plants are heat resistant and high yielding. High quality fruit are very crisp and delicious.
1440	Speedway F1	54	Gyno	10" x 2" Dark Green	A-2, Ccu, CMV, PM, Psl	Industry standard. A very uniform, early version of Dasher II. Medium sized plants are vigorous and disease resistant.
1434	Raceway F1	54 - 56	Gyno	8" Dark Green	A, Cca, Ccu, CMV, DM, PM PRSV, Psl, WMV, ZYMV	Produces uniform fruit on moderately vigorous vines. Popular because of its earliness, yields and excellent disease resistance.
1420	Beit Alpha CMR/MMR	55	Parth/Gyno	5 - 8" Medium Green	—	Burpless, with few seeds. Tender skin and mild flavor, best when picked smaller than traditional slicers. Mediterranean type.
1412	Garden Sweet Burpless F1	55	Mono	10 - 12" Dark Green	DM, PM	Burpless. Slender and cylindrical with faint stripes on the necks and smooth, thin skin.
1407	Dasher II F1	58	Gyno	8" x 2½" Dark Green	A-2, Ccu, CMV, DM, PM, Psl	Bitter-free with attractive appearance and high yields of high quality slicing cucumbers.
1408	Diva F1	58	Parth/Gyno	6 - 8" Medium Green	Ccu, DM, PM	Features smooth and thin no-peel skin. Very tender, crisp, sweet, bitter-free, and seedless; especially when harvested small.



1416 Armenian - Pale Green



1431 Diomedes F1



1435 Southern Delight F1



1440 Speedway F1



1434 Raceway F1



1420 Beit Alpha CMR/MMR



1407 Dasher II F1



1408 Diva F1

Cucumbers - Slicers (continued) — Listed by Maturity



1484 Cobra F1



1410 Fanfare F1



1445 Tasty Green F1



1483 Summer Dance F1

	Variety	Relative Days	Habit	Fruit Size / Color	Resistance / Tolerance	Characteristics
1439	Spacemaster 80	58 - 64	Mono	7 - 8" Dark Green	Ccu, CMV	Bitter-free. Very compact dwarf plant. 36" vines with no runners. Highly adaptable, uniform, smooth, cylindrical, and slender.
1484	Cobra F1	60	Gyno	9" x 2½" Dark Green	A-2, Ccu, DM, Psl, WMV, ZYMV	Features a vigorous vine and yields straight fruit that hold their color well. Offers good flavor and nice disease resistance.
1421	Muncher	60	Mono	6 - 9" / Medium Green	CMV	Burpless. Fruit are smooth and nearly spineless with crisp tender flesh.
1436	Suyo Long	61	Mono	10 - 16" Medium Green	PM	Burpless. This traditional Chinese long-fruited variety grows well in hot weather and sets early. Excellent bitter-free eating quality.
1410	Fanfare F1	62	Mono	8 - 9" Dark Green	A, Ccu, CMV, DM, PM, Psl	Fruit are slender, attractive, flavorful, and extremely uniform. The semi-dwarf plants produce high yields over a long harvest period.
1444	Sweet Slice F1	62	Mono	10 - 12" Dark Green	CMV, DM, PM, WMV	Sweet, and burpless with superior eating quality. Produces good yields on vigorous vines.
1445	Tasty Green (Burpless 26) F1	62	Mono	9" x 1½" Med. Green	DM, PM	Burpless. Early and heavy yielding. Fruit is long and slender with shallow ridges and small white spines.
1409	Early Spring Burpless F1	63	Mono	12 - 15" Dark Green	—	Burpless. A prolific early producer of creamy-spined fruits. White flesh is extra crisp and mild mannered.
1447	Straight 8 Elite F1	64	Gyno	8" x 2½" Dark Green	CMV, DM, PM	Bitter-free. Improved Straight Eight, with a more compact plant that will yield a full season of long straight slicers.
1419	Lemon	65	Mono	2" x 3" Round Yellow	—	Bitter-free heirloom variety. Round, pale yellow with crisp white flesh that has a milder cucumber flavor.
1418	Marketmore 76	65	Mono	8" x 2½" / Med. Green	Ccu, CMV, DM, PM	Extremely popular open pollinated variety. Great for slicing.
1446	Straight 8	65	Mono	8" x 2½" / Med. Green	—	A long time standard for home gardeners. Fresh, cool and crisp flavor.
1483	Summer Dance F1	65	Mono	8 ½ - 9" Dark Green	—	Burpless Japanese type with heat tolerance and high yields. Its crisp, clean flavor makes it popular. Dark green with minimal white spines.

Cucumbers - Pickles — Listed by Maturity



1486 Super Max F1



1459 Cool Breeze F1



1466 Espirit F1



1413 Picolino F1

	Variety	Relative Days	Habit	Resistance / Tolerance	Characteristics
1486	Super Max F1	40 - 45	Mono	CMV, PRSV, WMV, ZYMV Cca, Ccu, A, PM	High quality fruit with thick skin and a small seed cavity. Vigorous plant can be grown on-ground or staked. Ideal for fresh and processing markets.
1459	Cool Breeze F1	45	Parth	Ccu, CMV, PM	Sets fruit without cross pollination. High, early yields under most reasonable conditions. Seedless unless grown near other cucumbers. Great for pickling or eating fresh.
1456	County Fair F1	50	Gyno	A, BW, CMV, PM, Psl	Burpless. Full of bitter-free flavor. Thin, tender skin and crisp flesh. Fruit will be nearly seedless if planted away from other varieties.
1466	Espirit F1	50	Mono	CGMMV, ZYMV Psl, A, PM	Productive Eureka-type with a large disease package. Strong plants produce blocky, dark green fruit. An additional picking is possible compared to other varieties.
1464	National Pickler	50	Mono	Ccu, CMV	Fruit are 6 - 7" by 2.5" and dark-green, with black spines and a crispy, tender skin.
1413	Picolino F1	50	Parth	Cca, Ccu, CMV, PM	A nicely ribbed, attractive mini English-type with glossy, thin, dark green skin, and uniform, high quality 4 - 5" fruit. Can field produce, but best when trellised in greenhouse.

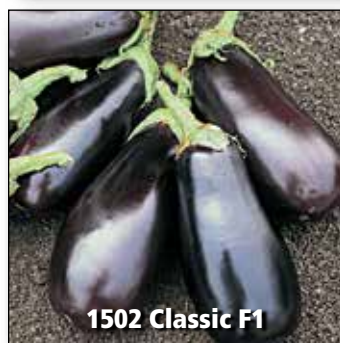
Cucumbers - Pickles *(continued)* — Listed by Maturity**1465 Carolina F1****1451 Cross Country F1****1475 Pioneer F1****1472 Regal F1**

	Variety	Relative Days	Habit	Resistance / Tolerance	Characteristics
1467	Pick-A-Bushel F1	50	Mono	Ccu, CMV, WMV	Heat tolerant. Semi-bush plant yields of 3 - 6" medium green fruit that are crisp and sweet.
1450	Calypso F1	52	Gyno	A, Ccu, CMV, DM, PM, Psl	A heavy yielding, widely adapted white spined pickle with early maturity.
1465	Carolina F1	52	Gyno	A, Ccu, CMV, DM, Psl, PM	Medium vines with good vigor and great yields. Medium green fruit with a low percentage of nubs and crooks.
1451	Cross Country F1	52	Gyno	A, Ccu, DM, PM, Psl	Widely adapted and high yielding. Blocky fruit are straight with excellent interior quality.
1475	Pioneer F1	52	Gyno	A, Ccu, CMV, DM, PM, Psl	Plant produces high yields of dark green cucumbers. A dual purpose cucumber that can be used fresh in salads or pickled.
1472	Regal F1	52	Gyno	A, Ccu, CMV, DM, PM, Psl	High-yielding with slightly longer, slimmer shape for chips, spears, and whole packing. Stippled fruit are slightly tapered.
1481	Vlasstar F1	52	Gyno	A, Ccu, CMV, PM PRSV, Psl, WMV, ZYMV	Medium dark green pickle known for its adaptability and sustained multiple harvest ability. Provides a small seed cavity and nice disease package.
1453	Fancipak F1	53	Gyno	A, Ccu, CMV, DM, PM, Psl	Excellent fruit shape and uniformity with tender skin. Adapts well to high temperatures. Exceptional fruit characteristics with smaller, younger, and bitter-free seeds.
1477	Puccini F1	53	Parth	A, Ccu, CMV, Psl	Excellent uniformity, quality, size and shape. High heat tolerance. Great for greenhouse.
1460	Bush Pickle	54	Mono	Ccu, CMV, PM	24 - 36" plants produce good quantities of straight, cylindrical fruits. Great for containers.
1458	Arkansas Little Leaf	55	Parth	Als, BW, CMV, PM, DM	Flavorful mid-sized fruit set on productive, compact, and vigorous plants covered with little 2" leaves. Highly adaptable with great disease package.
1463	Supremo F1	55	Mono	A, Ccu, CMV, DM, PM, Psl, PRSV, WMV, ZYMV	Consistently dark-green fruit are uniform and maintain quality and firmness throughout extended harvests. Vines are supportive, strong and vigorous.
1479	Gherking F1	55 - 60	Parth / Gyno	Ccu, CMV, PM, DM	Produces large yields of cylindrical, dark green, bitter-free fruit. Great for high tunnel production (best in ground). Vigorous vines perform best when trellised.
1455	Homemade Pickles	56	Mono	Ccu, CMV, Psl	Vigorous and high yielding. Fruit is medium green with small white spines; can be picked from 1½" for tiny sweets to 5 - 6" for dills and spears. Interior structure is solid and crisp.
1452	Eureka F1	57	Mono	CMV, DM, PM, Psl, WMV	Dark green color with a crisp texture. Grow vigorous/indeterminate vines on a fence or trellis. Excellent yielder.
1473	Parisian Pickle	60	Mono	—	Rare historic French heirloom variety great for making tiny sweet pickles and can also be a good slicer when harvested later.
1411	Mexican Sour Gherkin	70	Mono	—	A.k.a Mouse Melon. Vigorous vining plants are loaded with 1" miniature watermelon-like fruits. Delightful flavor is sweet and almost salty. Will grow well on a small trellis.

**1481 Vlasstar F1****1453 Fancipak F1****1477 Puccini F1****1463 Supremo F1****1479 Gherking F1****1452 Eureka F1****1473 Parisian Pickle****1411 Mexican Sour Gherkin**



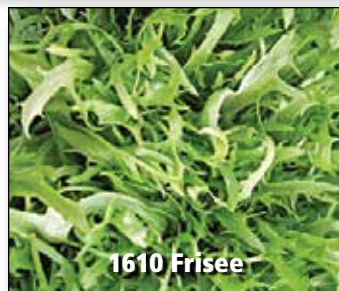
	Variety	Relative Days	Fruit Shape	Fruit Color	Characteristics
1532	Patio Purple Bush	45 - 50	Mini-Oval	Purple	Cute miniature eggplants are produced on compact plants. Great pickled or pan-fried.
1520	Millionaire F1	55	Slender, Long	Dark Purple	Productive 24 - 30" upright plants produce delicious eggplant with creamy flesh, and a very small seed cavity that is nearly seedless.
1521	Shoya Long F1	55	Slender, Long	Dark Purple	Long Japanese type. Excellent quality, shape and color. Uniform in size.
1508	Eclipse F1	60	Teardrop	Dark Purple	33" plants are sturdy and set an excellent crop of very early maturing large fruit with a green calyx.
1509	Dusky SG F1	64	Teardrop	Purple / Black	High yielding 24" compact plants produce high quality fruit that are TMV resistant.
1511	Epic F1	64	Teardrop	Purple / Black	Strong plants produce large (9") high quality fruit. TMV Resistant.
1533	Snowy	60 - 65	Teardrop	White	Firmer and meaty fruit have a sweet delicate flavor and medium-thick snow white skin and flesh. Upright plants are sturdy and well adapted to many growing conditions.
1501	Black Shine F1	65	Slender, Long	Very Dark Purple / Black	Japanese hybrid is long with nearly black skin. Shiny fruit have nice flesh and grow to over 8" long and weigh over 8 oz.
1519	Turkish Orange	65 - 85	Round	Red-Orange	Petite plant produces strong yields of beautiful 3" fruit.
1525	Purple Fingers	70	Elongated	Purple	Miniature finger fruit with a green calyx. Plant height is 28".
1529	White Star F1	70	Teardrop	White	Can either be used as a white baby eggplant or grown to full maturity (4 - 6") for lovely tear drop shaped glossy white fruit.
1531	Shikou F1	70 - 75	Slender, Long	Dark Purple	Productive semi-spineless plants produce long (6-8"), glossy fruit with thin tender skin, a purple calyx, very few seeds, and very a white interior.
1524	Prosperosa	75	Round	Dark Purple	Tall, vigorous plant grows beautiful, 4-5" fruit that are meaty and mild flavored.
1522	Listada de Gandia	75 - 90	Oval/ Egg	White with Lavender Stripes	Very attractive heirloom fruit are 5-6" long with excellent flavor and extra thin skin. Widely adaptable.
1514	Rosa Bianca	75 - 90	Round	Light Pink	Italian heirloom with meaty mild flavor and no bitterness. Light pink with occasional creamy white shading and green calyx.
1502	Classic F1	76	Long Oval	Dark Purple	Erect, vigorous plant supports heavy yields of high quality fruit. Sets a high standard for premium eggplant.
1534	Gaudi F1	80	Long Oval	Dark Purple / Black	Spineless Calyx! Fruit is firm and grows on a strong, upright bush. Grow indoors or out.
1518	Santana F1	80	Teardrop	Glossy Purple / Black	High yielding. One of the best for heat tolerance without fruit fading problems. Has reduced spines to prevent fruit scar.



ENDIVE and ESCAROLE — Listed by Maturity



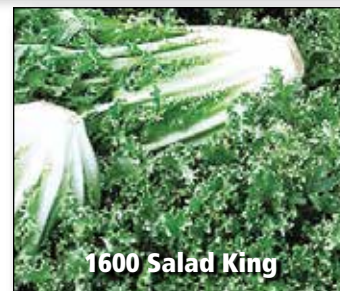
1620 Tres Fine



1610 Frisee



1650 Broadleaf Batavian



1600 Salad King

	Variety	Relative Days	Characteristics
1620	Tres Fine (Endive)	42 - 70	This quick growing miniature French endive has narrow, finely curled leaves. Plant is about 6" around with a delicate flavor. Its small size makes it perfect for individual servings.
1610	Frisee (Endive)	50	A finely cut, lacy leaved endive. Unique texture and appearance. It is cold hardy and best grown for early or late crops.
1650	Broadleaf Batavian (Escarole)	65 - 80	Large, broad, slightly twisted lettuce-like leaves form round 12 - 16" tightly packed heads. Has well-blanced creamy-white hearts and a thick bulky texture.
1600	Salad King (Endive)	95	This outstanding endive is remarkably curled with a dense and full heart. Withstands diverse weather in the fall and performs well under stress.

GOURDS



1752 American Wings - Small



1750 American Wings - Large



1717 Autumn Wings - Small



1719 Autumn Wings - Large

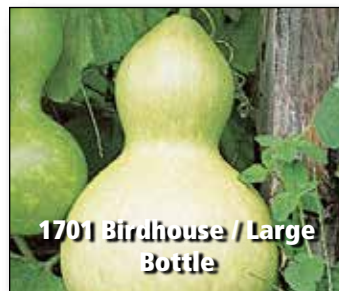
	Variety	Characteristics
1700	African Wine Kettle	Massive "kettle" style gourd. Very ornamental, great for crafting.
1752	American Wings - Small	Multicolored fruit are a smaller (4-5"), smoother version of American Wings Large.
1750	American Wings - Large	Large (10-12"), multicolored, unique, and attractive crookneck gourd that produces a high percentage of fruit that are winged and warty.
1717	Autumn Wings - Small	Many colors with wings and fruit shape of a swan/pear. Its bulb size is 2½ or 3" in diameter with a neck up to 4 - 5" long.
1718	Autumn Wings - Medium	Many colors, with the fruit shape of a spoon but with wings. Its bulb size is 2½ or 3" in diameter with a neck up to 6" long.
1719	Autumn Wings - Large	Gourds of many colors with wings, warts and with the fruit shape of a swan gourd. Bulb size is 2½ to 3" in diameter with a neck up to 12" long.
1722	Autumn Wings - Blend	A blend of all the Autumn Wings: 25% large, 50% medium and 25% small.
1744	Beetlejuice F1	A unique blend of large, hard shelled gourds with excellent shelf life. Solid and multicolored gourds. Weights range from 5 to 15 lbs. Suitable for the professional grower or home gardener. Excellent tolerance to PM.
1702	Big Apple	Large apple-shaped gourds are dark green with patches of lighter green and dry to all brown. Typical fruits are 6 - 8" tall and 4 - 6" across. Nice flat bottoms make this one of the best for gourd crafts and birdhouses.
1701	Birdhouse / Large Bottle	12 - 14" in height and 10" in diameter. Size and shape will vary somewhat on the same plant. Stand upright while they are young growing to form gourds that will sit on their base.
1705	Bottle - Baby	A miniature version of the familiar Bottle Gourd, having a 2" diameter at its widest point. Length is about 4", and is very uniform. Bulbous blossom end, with restricted neck area that flares out into a smaller bulb on the stem end.
1707	Bottle - Martin House	This is the strain crafters prefer for drying and making birdhouses.
1704	Bule ("boo-Lay")	Hard-shelled and similar in shape to a large apple, 6 - 8" tall and 5 - 6" across. Covered with small warts or tooth-like bumps. Vigorous vines.
1708	Bushel	A long growing season is required for this variety. Reaches a diameter of 12 - 18". Weight can range from 30 to 60 lb..



1744 Beetlejuice F1



1702 Big Apple



1701 Birdhouse / Large Bottle



1704 Bule ("boo-Lay")



1743 Carle's Kaleidoscope



1727 Corsican



1789 Crowns



1709 Daisy Mix



1706 Dancing / Spinning



1712 Dinosaur / Maranka



1716 Galaxy of Stars F1



1732 Goonies

Variety	Characteristics
1743 Carle's Kaleidoscope	Unique mixture of small warted and non-warted gourds, with various shapes, sizes, and colors. Average 3 - 4" in size.
1727 Corsican	Flat, canteen shaped gourd up to 12" in diameter. Medium green when mature, dries tan.
1781 Crafters Mix	A handy mixture of different crafting varieties. Included are the extremely popular Bottles, Swan/Gooses and Apples.
1789 Crowns	Large ornamental gourd with wings. Offers a wide array of rich colors and great shapes.
1709 Daisy Mix	This mix produces big yields of different colored gourds in shades of green, orange, yellow and white, with a unique daisy pattern on the stem end.
1706 Dancing / Spinning	Classic gourd. Extremely hard shelled when dried. Children used to carry them in their pockets and spin them on their desks.
1712 Dinosaur / Maranka	Solid green fruits have curved necks and wing-like projections perfect for gourdcraft swans. Total length is 18 - 24" with an 8" bowl and unique serpentine projections. Very nice when grown on a trellis.
1716 Galaxy of Stars F1	An exciting hybrid gourd mixture in the shape of a 5-pointed star in many colors. They can be mechanically washed.
1787 Gizmo	Hard-shelled 3 - 5" tall by 6 - 8" wide fruit have beautiful colors including; dark green, orange, yellow, light green, and white. Bush plant type.
1732 Goonies	Excellent gourds that are similar to #1721 Gremlins but are even larger, 8 - 12".
1721 Gremlins	Large sized, various solid and speckled vibrant colors in a multitude of desirable shapes; stars, wings, acorns, mushrooms, necks and more.
1737 Harvest Flowers	Really awesome gourds with flower patterns. As many colors, shapes and patterns as one can imagine. BEAUTIFUL!
1739 Harvest Wings Bush F1	An earlier and more colorful strain of gourds with wings. The added benefit of a semi-bush plant makes more space for planting other unique fall novelty varieties. Bright orange and multicolored with different shapes.
1785 Hoargarth	Distinctive orange and dark green gourd with great texture. 7 x 5" fruit are wart covered and grown on an intermediate bush plant.
1715 Italian Edible ("Cucuzzi")	May be eaten like a cucumber or summer squash when 6" long or less. Becomes hard shelled at maturity (45" long, 4 - 5" diameter).



1721 Gremlins



1737 Harvest Flowers F1



1739 Harvest Wings Bush F1



1785 Hoargarth



1787 Gizmo

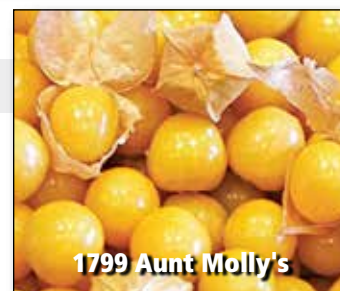
Gourds *(continued)***1747 Ivory Belle F1****1731 Lunch lady****1733 Monster Mix F1****1735 Ornamental Small Mix****1788 Queens****1742 Santa Claus****1745 Shenot Crown of Thorns****1775 Super Wings - Large F1
1776 Super Wings - Small F1**

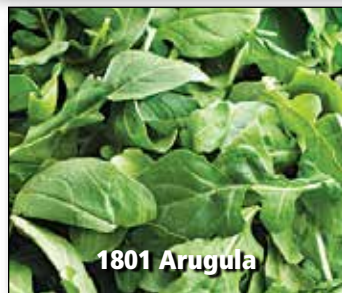
Variety	Characteristics
1747 Ivory Belle F1	Semi-Bush habit plant produces 3-5 lb. uniquely shaped gourds with a hard shell, good white color that matures to golden brown, and strong handles. Exceptional yield potential with strong powdery mildew and moderate phytophthora resistance.
1731 Lunch Lady	Large, warted gourd. Produces an array of fruit sizes, shapes and colors, all with hard shells and warts.
1733 Monster Mix F1	Bush plants produce all colors: orange, yellow, white and green gourds. Inedible 1/4 to 3/4 lb. fruit are bumpy, lumpy and winged.
1735 Ornamental Small Mix	Distinctive varieties include Small Orange, Crown of Thorns, Pear Bi-color, Small Flat Striped, Nest Egg, Small Spoon and Small Warted.
1788 Queens	Exciting large gourd mix with even greater size potential than Goonies. Primarily long-necked types with speckled vibrant colors, wings and warts.
1742 Santa Claus	Perfect for crafting. Often used to decorate with a "Santa Clause" face and hat.
1745 Shenot Crown of Thorns / Ten Commandments	Crown of Thorns produces a wide and unique assortment of color combinations. Colors range from white to orange to green with and without contrasting stripes. Well-developed "thorns" add to its attractiveness.
1767 Snake	Can be eaten like summer squash when 6" around. Smooth pale green skin with creamy yellow flesh.
1776 Super Wings - Small F1	Moderate Phytophthora resistance (PMR): Unique shapes and colors. Many with wings, warts, and multicolors.
1775 Super Wings - Large F1	Moderate Phytophthora resistance (PMR): Large version of Super Wings - Small.
1773 Swan / Goose	The tip of this large crookneck gourd looks like a swan's head. It grows 14 - 18" long with a 6" base. Beautiful mottled green color.
1774 Tiny Turk	A miniature selection of Turk's Turban with similar color and shape.
3394 Warts Galore F1	Many-colored, hard shell variety with excellent rock-hard handles. Moderate Phytophthora resistance.
1779 Xtra Long Handled Dipper	2 - 3 lb fruit with a 5 - 8" "bowl" and unique two to three foot curved handle; although some have been known to reach 6 feet.

**1773 Swan / Goose****1774 Tiny Turk****3394 Warts Galore F1****1779 Xtra Long Handled Dipper****Ground Cherry**

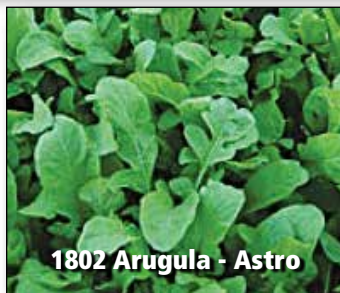
Variety	Relative Days	Characteristics
1799 Aunt Molly's	65 - 70	Fruit is enclosed in a papery husk like a tomatillo. Golden orange when dry and stores for up to 3 months in husk.

The Ground cherry is also commonly referred to as, Cape gooseberry, Chinese Lantern, Goldenberry, Husk Cherry, Peruvian Ground Cherry, Poha and Poha Berry.

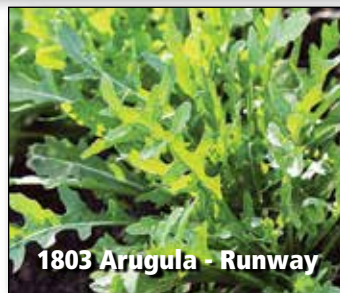
**1799 Aunt Molly's**



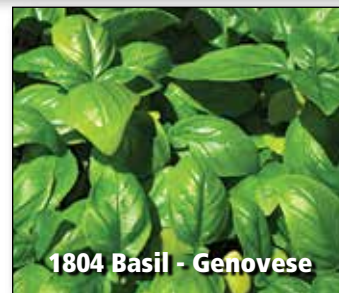
1801 Arugula



1802 Arugula - Astro



1803 Arugula - Runway



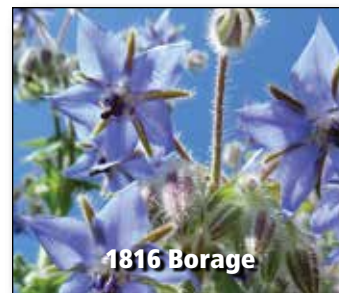
1804 Basil - Genovese



1810 Basil - Lemon

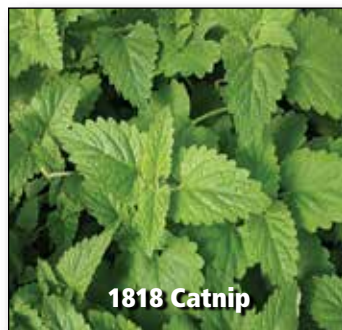


1807 Basil - Red Rubin

1805 Basil - Sweet Italian
Large Leaf

1816 Borage

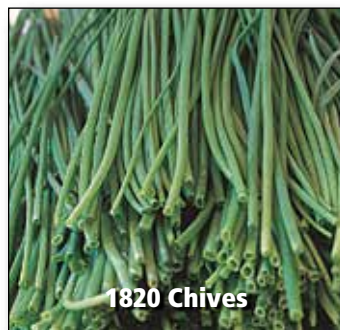
	Variety	Type (Annual / Perennial)	Characteristics
1801	Arugula	Annual	Rich, peppery taste, with exceptionally strong flavor.
1802	Arugula - Astro	Annual	"Cultivated" variety with a mixture of large lobed and oval leaves.
1803	Arugula - Runway	Annual	Attractive, deep-lobed, oakleaf-shaped, leaves are tangy and slightly less pungent than regular arugula.
1804	Basil - Genovese	Annual	A classic basil with sweet fragrance.
1810	Basil - Lemon	Annual	Produces lemon flavored leaves that are great for many uses. Very fragrant.
1807	Basil - Red Rubin	Annual	Ornamental appeal, spicy flavor with a compact plant habit.
1805	Basil - Sweet Italian Large Leaf	Annual	The dark green, shiny leaves on a tall, erect plant that is slow to bolt.
1816	Borage	Annual	Produces cucumber flavored leaves that are used for salads and teas, and blue flowers for a honey plant.
1818	Catnip	Perennial	Drives cats wild and is also reportedly medicinal. Makes a tasty herbal tea for colds and flu.
1871	Chamomile - German	Annual	Commonly used for tea, this aromatic herb has a soothing, calming effect and faintly fruity, sweet flavor.
1820	Chives	Perennial	Grass-like leaves similar to a mild green onion.
1825	Coriander/Cilantro-Leisure	Annual	Bred for large, flavorsome leaf production that is slow bolting and is great for hot weather regions.
1830	Coriander/Cilantro-Santo	Annual	Strong, sharp scent and taste. Highly productive and slow to bolt.
1835	Dill - Bouquet	Annual	Plant produces very flavorful leaves and seeds.
1842	Dill - Dukat	Annual	Anthocyanin Free (non-purple). Early with heavy foliage and large umbels.
1845	Fennel - Florence	Annual	Anise-flavored leaves. Can be used as a substitute for dill in pickling.



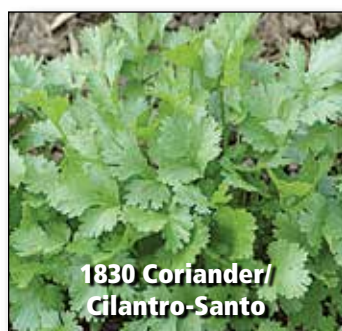
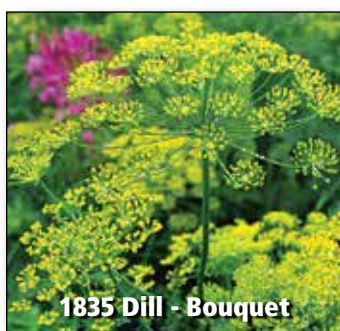
1818 Catnip



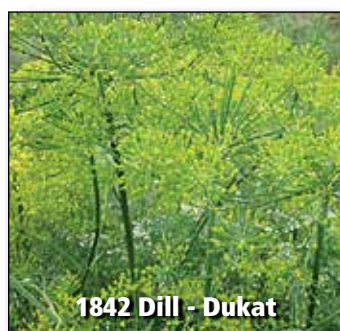
1871 Chamomile - German



1820 Chives

1825 Coriander/Cilantro -
Leisure1830 Coriander/
Cilantro-Santo

1835 Dill - Bouquet



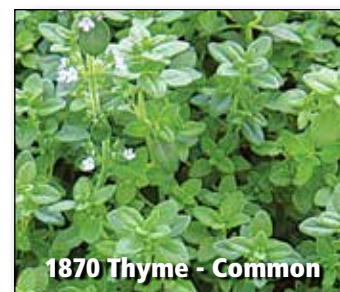
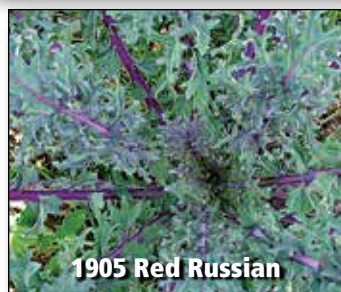
1842 Dill - Dukat



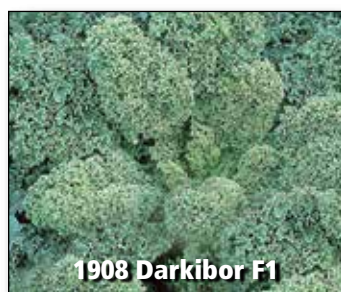
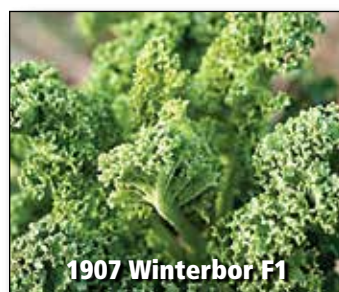
1845 Fennel - Florence

Herbs (continued)**1848 Garlic Chives****1850 Lavender****1853 Lemon Balm****1872 Lemon Mint**

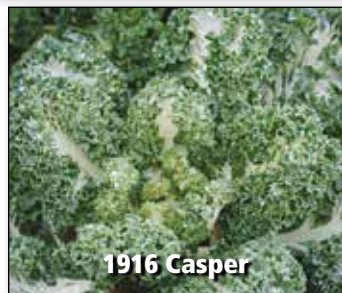
	Variety	Type (Annual / Perennial)	Characteristics
1848	Garlic Chives	Perennial	Delicate garlic flavor (Chinese Leek).
1850	Lavender	Perennial	Plants produce beautiful flowers with legendary scent.
1853	Lemon Balm	Perennial	Distinct lemon flavor is useful in tea and salads. Easy to grow. If winter goes below 0°F, cover with mulch.
1872	Lemon Mint	Annual	Flowers in clusters of lavender-pink to white and foliage has a pungent lemony scent. Attracts hummingbirds.
1873	Mint - Common	Perennial	Very versatile, this herb is used to flavor many things. Also known as Spearmint. Best grown in a container.
1851	Oregano - Italian	Perennial	Red-flushed green leaves and purple-brown stems. Excellent flavor.
1860	Sage - Broadleaf	Perennial	Most popular of all herbs for seasoning because of its mild pungent flavor and pleasant aroma.
1870	Thyme - Common	Perennial	Very versatile, gray-green leaves are small and delicate. Produces attractive edible flowers.

**1873 Mint (Common)****1851 Oregano - Italian****1860 Sage - Broadleaf****1870 Thyme - Common****KALE** — Listed by Maturity**1905 Red Russian****1911 White Russian****1910 Black Magic****1900 Blue Ridge F1**

	Variety	Relative Days	Leaf Color	Height	Characteristics
1905	Red Russian	25 - 50	Gray-Green	24 - 36"	Tender leaves are purple-veined, flat, non-curved and tooth-edged. Stems are purple.
1911	White Russian	25 - 50	Dark Green	24 - 36"	Same serrated edge, leaf shape found in Red Russian kale with refined white veins.
1910	Black Magic	30 - 60	Very Dark Green	10"	Flavor is exceptionally sweet and rich with excellent bolt and cold tolerance.
1902	Dazzling Blue F1	50 - 60	Blue-Green	10 - 18"	Lacinato type with beautiful purple mid ribs. More cold tolerant than others.
1900	Blue Ridge F1	52 - 60	Dark Blue-Green	18 - 24"	Slow bolting, leaves are fully curled and easy to strip. Can also be machine harvested.
1908	Darkibor F1	52 - 60	Dark Blue-Green	18 - 24"	Excellent color with intense flavor and beautiful finely curled leaves. Very winter hardy.
1912	Redbor F1	52 - 60	Deep Red / Maroon	18 - 24"	Produces frilly, curled leaves that are beautiful. Similar to Winterbor - but red.
1907	Winterbor F1	52 - 60	Dark Green	18 - 24"	Vates type. High yields, cold hardy, finely curled leaves. Slow bolting, suitable for hand or mechanical harvesting and processing.

**1908 Darkibor F1****1912 Redbor F1****1907 Winterbor F1****1920 Kale Kaleidoscope**

Kale (continued)



1916 Casper



1906 Lacinato (Dinosaur)



1903 Improved Dwarf Siberian



1904 Premier

	Variety	Relative Days	Leaf Color	Height	Characteristics
1918	Prizm F1	55	Dark Green	16 - 18"	Attractive short, tight ruffle-edged leaves on nearly stemless stalks that are quick to re-leaf. Excellent tasting, nutty flavored leaves are tender raw and cook well.
1920	Kale Kaleidoscope	55	Red, White, Blue, Green	Varies	A colorful kale blend including Red, White, Blue and Green Kales.
1901	Dwarf Blue Scotch Vates	56	Bright Blue-Green	12 - 15"	Finely crumpled leaves are hardy, resists yellowing in cold weather. May over-winter.
1916	Casper	60	Green and White	24 - 32"	Extremely productive with great eating quality. The ruffled leaves develop a striking contrasting white center as they mature and have a sweet flavor and crispy texture.
1903	Improved Dwarf Siberian	60 - 70	Blue / Gray / Green	23 - 26"	Extremely hardy. Broad, thick, plume-like leaves with slightly frilled edges.
1906	Lacinato (Dinosaur)	62	Blue-Green	10 - 18"	Strap-like leaves are 3" wide with a heavily savoyed texture and excellent flavor.
1904	Premier	65	Deep Green	12 - 15"	Leaves are scalloped with serrated margins. Plants are vigorous and cold hardy.

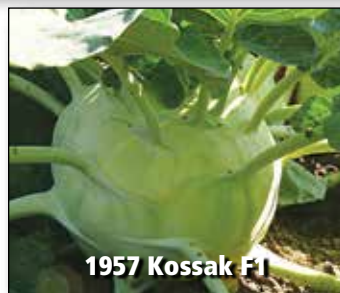
KOHLRABI — Listed by Maturity



1959 Quickstar F1



1956 Early Purple Vienna



1957 Kossak F1



1958 Winner Improved F1

	Variety	Relative Days	Shape	Color	Characteristics
1959	Quickstar F1	49	Smooth Flat/Round	Pale Green	Early and slow bolting with dark green, slightly broad leaves. Smooth bulbs have a crisp texture and mild "water-chestnut-like" taste. Extremely uniform in size and maturity.
1956	Early Purple Vienna	50 - 55	Flat Globe	Purple	Grows 10 - 12" tall with reddish-purple bulbs of 2 - 3" in diameter. Bulbs best harvested at 2".
1951	White Vienna	50 - 55	Round	Light Green	Plant grows 10 - 12" tall, bulbs 2 - 3" in diameter. Best harvested when bulbs are 2".
1957	Kossak F1	57	Smooth Semi-Globe	Green	Develops large size (up to 8") before elongating. Interior is sweet, delicious, and tender.
1958	Winner Improved F1	57	Smooth Semi-Globe	Light Green	Vigorous, upright plant produces bulbs with a fresh, fruity taste. Good holding ability and storage.

LEEK — Listed by Maturity



2006 Rally F1



2009 Tadorna



2002 Giant Musselburgh

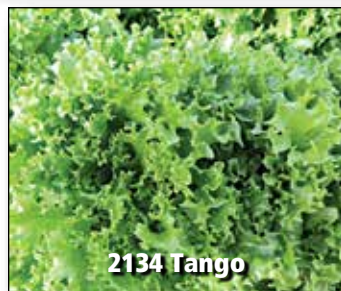


2001 American Flag

	Variety	Relative Days	Characteristics
2006	Rally F1	85	Heavy shanks are uniform with an upright habit for easier cultivation. Rust resistant.
2009	Tadorna	105	A vigorous grower producing a medium-length white shaft and contrasting, upright, very dark blue-green foliage. Holds in the field for fall into winter harvest, and over winters where winter cold is moderate. Resistant to leaf diseases.
2002	Giant Musselburgh	105	This Scottish heirloom is cold weather hardy, and easy to grow. Tender white stalks get up to 2-3" in diameter and 9-15" long. Medium dark green leaves.
2001	American Flag	120	Hardy 15 - 18" plants, blue-green leaves with long, thick (6 - 10" x 1½"), well-blanching white stalks. Good for fall and winter, grows very quickly. The standard variety for home gardens and market.

LETTUCE

Lettuce - Loose leaf types — Listed by Maturity



2134 Tango



2118 Heirloom Cutting Mixture



2120 Lolla Rossa Dark

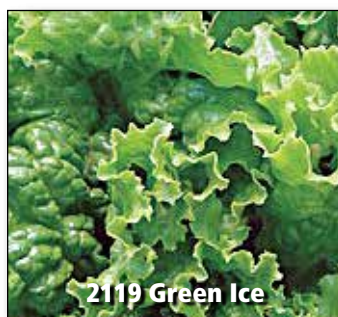


2135 Red Tango

	Variety	Relative Days	Characteristics
2134	Tango	30 - Baby / 40 - Mature	Upright plants form tight rosettes. Deeply cut pointed leaves are dark green with a tangy flavor. Oakleaf type.
2118	Heirloom Cutting Mixture	30 - Baby / 60 - Mature	A well balanced formula mixture of Baby Oakleaf, Bronze Beauty, Buttercrunch, Crisp Mint, Freckles, Ice Queen, Grandpa Admire's, Pablo, Outredgeous, Black Seeded Simpson, Speckled and Tennis Ball.
2120	Lolla Rossa Dark	30 - Baby / 60 - Mature	Heavily frilled green leaves with dark red edges. Produces good color in low light (high tunnel) conditions. Best for baby leaf production. Compact and slow growing.
2135	Red Tango	35 - 45	Attractive crumpled leaves are deeply cut and slightly tangier than green tango. Oakleaf type.
2113	Grand Rapids TBR	42	Open Pollinated, has large bright green leaves that are broad with wavy curled edges. Resistant to tip burn.
2108	Bon Vivant Blend	42 - 45	Mesclun mix, a fine blend including; deep reds, bronze, and light to dark greens.
2105	Black Seeded Simpson	45	Vigorous and fast growing, develops large bunches of light green, curled, very tender leaves.
2119	Green Ice	45	Less bitter than most. Crisp, glossy savoyed and dark green, wavy and fringed. Slow to bolt; long picking season.
2129	Prizehead	45	Heads are medium large crisp deeply curled leaves. Outer leaves: reddish-brown. Inner leaves are medium green.
2137	Ruby	45	Bright green frilled lettuce with savoyed leaves shaded with intense red, an improved strain for more vivid color. Heat resistant, long standing and slow to bolt.
2104-P	Muir - Pelleted	45 - 50	Slow bolting and heat tolerant. Light green leaves are very wavy and form a dense heart. For hydroponic, open field and protected culture. Resistance to Lettuce Mosaic Virus, DM, Lettuce Dieback Complex and Lettuce Leaf Aphid.
2138	Salad Bowl, Green	45 - 68	This heat tolerant variety stays in prime condition for a long time. Each plant makes a decorative rosette of wavy, notched leaves and is always tender, sweet and delicious. It holds its flavor and fine texture despite summer heat.
2140	Simpson Elite	48	Fast growing and very long standing. Bolt resistant. Can be harvested 30-45 days LONGER than Black Seeded Simpson. No bitterness in later harvest.
2144	Waldmann's Green	49	Dark green, frilled, ruffled leaves in an attractive head. Vigorous, uniform heads of well-bunched, crumpled leaves.
2127	Oakleaf	50	Tight rosettes of oak-leaf shaped leaves are medium-dark green and deeply lobed. Very resistant to hot weather. Long-standing, never bitter. Upright plant, quality is fine even in late summer.
2139	Salad Bowl, Red	50	Attractive burgundy-red, deeply lobed oak-like leaves form a full rosette. Holds its mild non-bitter quality well and is slow to bolt. The color is best in cool weather, but will grow well all season. Excellent for baby leaf production.
2132	Red Sails	57	Produces large, loose heads with crumpled reddish-maroon outer leaves. Frilled leaves hold their color well.



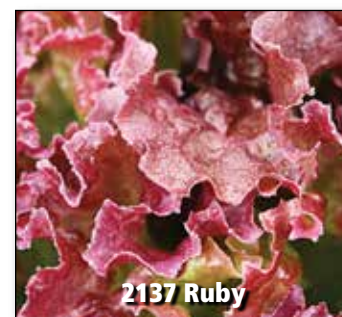
2108 Bon Vivant Blend



2119 Green Ice



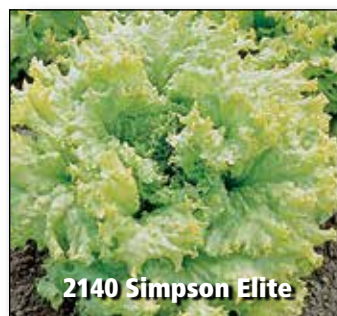
2129 Prizehead



2137 Ruby



2104-P Muir - Pelleted

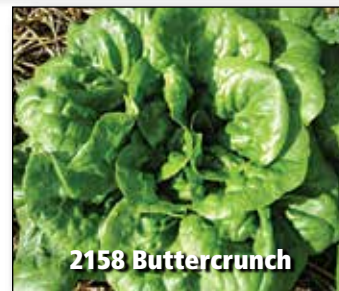
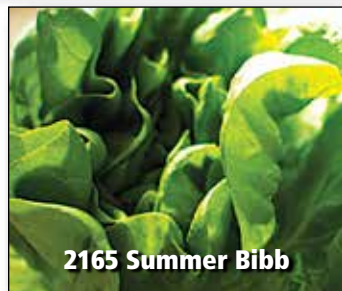
2138 & 2139 Salad Bowl
Red or Green

2140 Simpson Elite



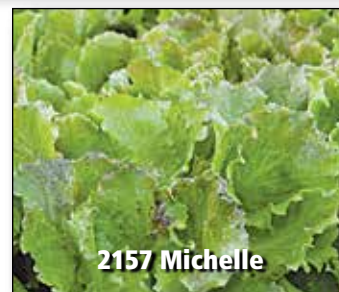
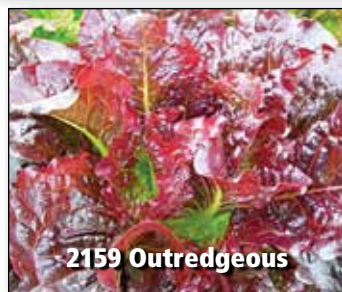
2132 Red Sails

Lettuce - Butterhead types (Bibb, Boston) — Listed by Maturity

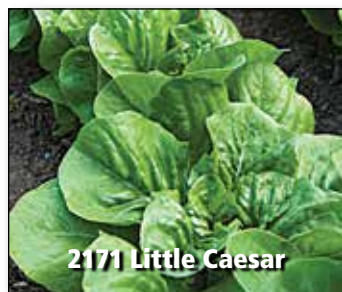


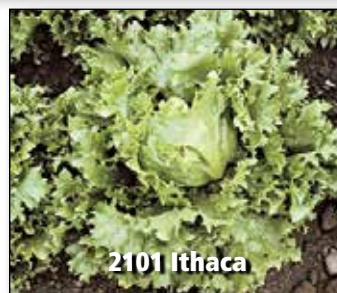
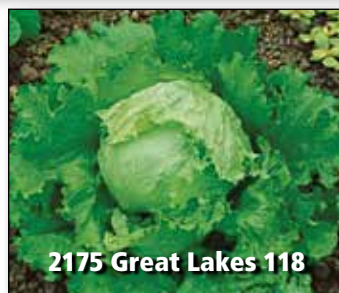
	Variety	Relative Days	Type	Characteristics
2167	Merveille Four Seasons	45 - baby 70 - mature	French Bibb	12 - 16" deep reddish leaves with bright cranberry red tips surround a tight 8-12" pale green heart. Will hold its wonderful butter taste in hot weather.
2165	Summer Bibb	60	Bibb	Better adapted to heat, slow bolting. Rosette heads. Firm interior, vigorous stands 2-3 weeks longer than original.
2164	Summer Colors Bibb Blend	60-65	Bibb	Crisp, clean, and easy to grow. Stunning deep reds and hearty greens. Great choice for the home gardener.
2158	Buttercrunch	64	Boston	Great garden performance, flavor and crisp texture. Dark green leaves are thick and loosely held on large heads.

Lettuce - Romaine (Cos) and Batavian types — Listed by Maturity

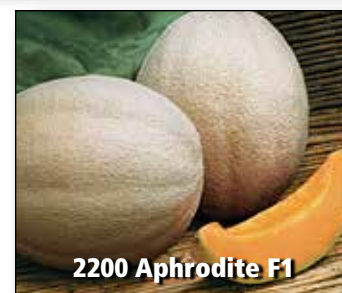
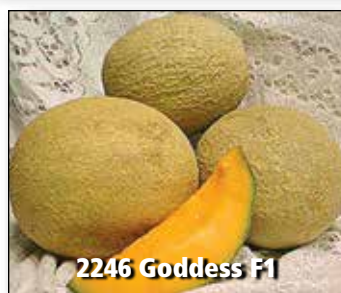


	Variety	Relative Days	Type	Characteristics
2159	Outredgeous	28 - baby / 50 - mature	Romaine	Nice baby leaf variety. Maintains beautiful dark red color even under low-light conditions. Large loose head at maturity.
2149	Vivian	28 - baby / 50 - mature	Romaine	Tightly bunched 12 - 16" long leaves, 4 - 6" across. Broad, crisp, and bolt resistant. Ideal for baby leaf production.
2151	Super Red Romaine	40	Romaine	Long (10 - 12") spoon-shaped leaves start green and turn to a beautiful intense red color.
2163	Nevada	48	Batavian	Uniform and widely adapted. Thick and crunchy with a nutty flavor. Tip Burn, bolt, DM and LMV resistant.
2157	Michelle	50	Red Batavian	Dark green in summer heat, more color in cooler temps. Excellent bolt resistance and tip burn tolerance.
2166	Winter Destiny	55	Romaine	Large dark green curled leaves form upright 8 - 10" heads. Sweet, crisp, and succulent. Cold tolerant and slow to bolt.
2154	Rouge D'Hiver	62	French Heirloom Romaine	Beautiful deep red heirloom with broad, flat leaves. Quick growing and heat resistant when sufficiently watered.
2171	Little Caesar	65 - 70	Romaine	Attractive and tall with crisp, bright green outer leaves and golden-blanched inner leaves. Has a sweet, crunchy flavor. Grows best in cool weather. Likes fertile soil, ample water.
2150	Parris Island COS	68	Romaine	Attractive and crisp leaves from 10" heads with deep green outer leaves and creamy white heart.
2153	Red Romaine	70	Red Romaine	This gourmet variety is a useful and colorful addition to any salad. Tart flavor and crinkled texture gives great crunch. Color varies from green to deep red to bronze and develops best in cool weather.
2170	Giant Caesar	70	Romaine	Bright green loose-leaf romaine with a buttery sweet flavor similar to butterheads. Large leaves are easy to pick without any tearing or bruising. Heat resistant and will hold its color and flavor well.
2152P	Teton - Pelleted	80	Romaine	Bright green and crisp. Large heads have straight ribs formed on compact, upright plants. Tight heart under outer leaves.



Lettuce - Iceberg / Crisphead types — Listed by Maturity

	Variety	Relative Days	Characteristics
2103	Summertime	62 - 82	Nice cross between Ithaca and Salinas. Compact plant habit with solid heads of good flavor, never bitter. Slow bolting in hot weather.
2175	Great Lakes 118	75	Large crisp heads. Excellent for spring and fall. Well adapted to adverse conditions. TB resistant.
2101	Ithaca	75	Developed for muck or upland. Medium dark-green, nearly round (5") and well wrapped. TB & BR resistant.
2107	Iceberg	85	Popular variety, does well in warm weather. Compact plant resists tip burn and rib discoloration. Easier to grow than some other varieties.

MELONS**Melons - Hybrid Cantaloupe — Listed by Maturity**

	Variety	Relative Days	Size (lbs.)	Netting / Sutures	Type / Flesh Color	Resistance / Tolerance	Characteristics
2246	Goddess F1	68	4 - 6	Medium Net / Slight Sutures	Eastern / Orange	PM, Fom	One of the fastest, best looking and highest quality early melons on the market. Excellent quality, size and yield for the season.
2207	Avatar F1	72	7 - 9	Refined Net / Slight Sutures	Eastern / Orange	PM, Fom	Offers great yields of fruit with medium open cavity and firm, orange flesh. Oval-shaped melons have high sugars
2249	Accolade F1	73	6	Medium Net / Slight Sutures	Eastern / Orange	PM, Fom (0,1,2)	Strong, vigorous plants resist field stress and produce high quality fruit with firm flesh, small seed cavity, and resistance to cracking.
2200	Aphrodite F1	73	6 - 8	Heavy Net / Slight Sutures	Eastern / Orange	PM, Fom	Large fruits. Slightly earlier maturity and larger than Athena with an improved fruit net.
2281	Rockstar F1	73	5 - 7	Medium Net / Slight Sutures	Eastern / Orange	PM, Fom	An early eastern shipper with outstanding eating quality. Provides firm flesh with high sugars and great holding ability.
2299	Sugar Rush F1	73	4 - 6	Medium Net / No Sutures	Eastern / Orange	PM, Fom	Long awaited "big brother" to customer favorite Sugar Cube. Similar great taste and texture but in a larger size. High Brix (15%).
2250	Astound F1	75	6	Medium Net / Slight Sutures	Eastern / Orange	PM, Fom	Provides high quality firm flesh with a small, tight cavity that resists cracking. Strong and vigorous plant bred to stand up to field stress and resist cotton aphid.
2296	Verona F1	75	5 - 7+	Medium Net / Slight Sutures	Eastern / Orange	PM, Fom	Ideal for roadside stands or farm markets. High yields and outstanding sweet flavor. High brix of 13%.





2292 Solstice F1



2214 Damaris F1

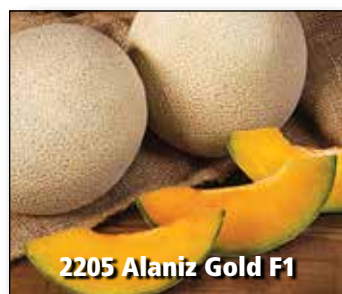


2201 Athena F1



2202 Afterglow F1

	Variety	Relative Days	Size (lbs.)	Netting / Sutures	Type / Flesh Color	Resistance / Tolerance	Characteristics
2292	Solstice F1	76	6 - 8	Heavy Net / Deep Sutures	Eastern / Orange	PM, Fom	High yielding melon, similar to the old Iroquois type. Brix of 12%. Big yields and outstanding eating quality.
2214	Damaris F1	78 - 80	3 - 4	Heavy Net / Slight Sutures	Eastern / Orange	PM, Fom	ESL (extended shelf life), widely adapted. Good field holding and post-harvest shelf life with potentially less shrink. Uniform, high yield.
2201	Athena F1	79	5 - 7	Refined Net / Slight Sutures	Eastern / Medium Orange	PM, Fom	Saticoy type with firm flesh, small seed cavity resists cracking. Good shelf life shipper. Vigorous plant tolerates stress.
2202	Afterglow F1	80	5 - 7	Course Net / Medium Sutures	Eastern / Orange	PM, Fom	Provides excellent quality fruit (brix 12-14%) with firm flesh and extended holdability.
2205	Alaniz Gold F1	80	5	Medium Net / No Sutures	Western / Orange	PM, Fom	Strong, vigorous plants produce uniform, firm fruit with excellent flavor that holds well before and after harvest. Slips when ripe.
2293	Sugar Cube F1	80	2	Medium Net / No Sutures	Eastern / Deep Orange	PM, Fom, PRSV, WMV, ZYMV	Though small in size, it is big on taste and has superb eating quality. It will also hold up well after harvest in cool storage.
2295	Thunderstruck F1	80	5 - 7	Coarse Net / No Sutures	Eastern / Orange	PM, Fom	Widely adaptable and earlier than most ESL (extended shelf life) type. Great eastern flavor with Average Brix 13%. Turns yellow and slips from the vine when ready.
2248	Hannah's Choice F1	81	3 - 5	Coarse Net / Deep Sutures	Eastern / Deep Orange	PM, Fom	One of the best tasting melons on the market. Offers growers both quality and quantity. High Brix of 14%.
2206	Atlantis F1	82	6 - 8	Medium Net / Slight Sutures	Eastern / Deep Orange	PM, Fom	Widely adapted and uniform. Nice eating quality with wonderful "melon" flavor. High sugars, holds sweetness well. Good shipper.
2213	Burpee Hybrid F1	82	4 - 5	Heavy Net / Slight Sutures	Eastern / Deep Orange	PM	Powdery Mildew resistant version of the classic Burpee Hybrid. High yielding. Can be harvested at half slip.
2278	Orange Sherbet F1	83	5 - 8	Dense Net / Slight Sutures	Eastern / Bright Orange	PM, Fom	Combines the best of Tuscan and Eastern shipper type melons. Good shipper. Boasts a flavorful sweet taste and small seed cavity.
2230	El Gordo F1	85	15 - 20+	Course Net / Sutured	Eastern / Orange	PM, Fom	A GIANT melon that can weigh up to 30 lbs under ideal conditions! Has a small seed cavity and excellent flavor.
2262	Infinite Gold F1	85	4 - 6	Medium Net / No Sutures	Eastern / Orange	PM, Fom	Long Shelf Life (LSL) melon bred for strong performance and longer shelf life, without sacrificing great flavor quality. Provides strong vines, high yield potential, and uniform size/shape.
2204	Ambrosia F1	86	4½ - 5	Heavy Net / No Sutures	Eastern / Pale Orange	—	Luscious, extra-sweet and juicy with unique distinctive flavor. Thick, firm flesh with a small seed cavity. Not recommended for shipping.



2205 Alaniz Gold F1



2293 Sugar Cube F1



2295 Thunderstruck F1



2248 Hannah's Choice F1



2206 Atlantis F1



2278 Orange Sherbet F1

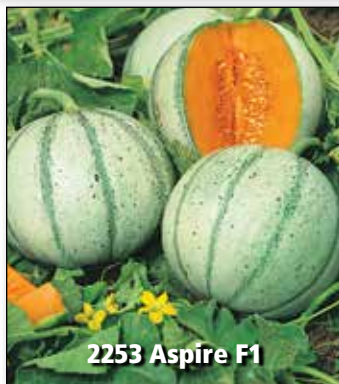


2230 El Gordo F1

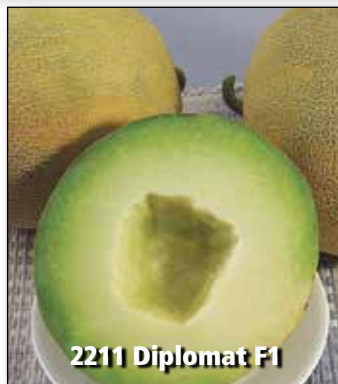


2262 Infinite Gold F1

Melons – Hybrid Mixed / Specialty — Listed by Maturity



2253 Aspire F1



2211 Diplomat F1



2221 Da Vinci F1



2267 Lilly F1

Hybrid Mixed / Specialty

	Variety	Relative Days	Melon Type	Size (lbs.) / Shape	Netting / Sutures	Rind Color	Flesh Color	Resistance / Tolerance	Characteristics
2253	Aspire F1	60	Charentais	1 - 2 Round	Distinct Dark Green Sutures	Pale Green	Orange	—	Extra sweet and extremely early French Charentais. Semi-Compact vines are only 28-30".
2211	Diplomat F1	71	Galia	5 - 6 Globe	Sparse Net / No Sutures	Tan	Green	PM	Flesh is thick, aromatic, and sweet with a small seed cavity.
2221	Da Vinci F1	75	Italian	3 Oval	Improved Net / Sutured	Tan w/ Dark Green Stripes	Dark Orange	PM, Fom	Very attractive melon with high brix (13-14%), and firm, crisp flesh and small seed cavity.
2267	Lilly F1	75	Crenshaw	6 - 8 Oval	Smooth	Pale Yellow	Light Orange	CMV, PM	This melon's high brix (up to 17%) and Crenshaw flavor make for unbelievable taste.
2298	Tasty Bites F1	75	Tania (Cantelope-like)	1 Round	Sparse Net / No Sutures	Pale Yellow	Orange	PM, Fom	Very small fruit with tight cavity, high brix and bright tropical flavor. Above-average shelf life.
2229	Earli-Dew F1	80	Honeydew	2½ - 3½ Round	Smooth	Green	Lime-Green	Fom	Early Honeydew. Fruit slips easily from vine when mature for easy harvest.
2251	Full Moon F1	82	Honeydew	3½ - 4½ Round	Smooth	Creamy	Green	PM, Fom	Strong plant produces excellent fruit with a small cavity and sweet, thick flesh. Shippable.
2294	Grand Prix F1	82 - 87	Piel de Sapo	5 - 6 Oval	Fine Net	Dark Green	White	PM, Fom	Dense flesh has a flavor like honeydew crossed with pear. Strong plants are vigorous, fruit stores well.
2245	Orange Beauty F1	83	Charentais	2 - 3 Round	Course Net / Distinct Sutures	Tan - Green	Orange	—	A very sweet French style melon with firm, orange flesh. Brix 12-14%.
2291	Tweety F1	85	Canary	4 - 6 Oval	Smooth	Yellow Green	Pale Ivory	A, Fom, GSB	Flesh is sweet, mild, and aromatic with great disease resistance.



2298 Tasty Bites F1



2229 Earli-Dew F1



2251 Full Moon F1



2294 Grand Prix F1



2245 Orange Beauty F1



2291 Tweety F1

Melons – Hybrid Mixed / Specialty (continued) — Listed by Maturity



2261 Halo F1



2284 Dewlightful F1



2208 Marvelous F1



2297 Whimsy F1

Hybrid Mixed / Specialty

	Variety	Relative Days	Melon Type	Size (lbs.) / Shape	Netting / Sutures	Rind Color	Flesh Color	Resistance / Tolerance	Characteristics
2261	Halo F1	90	Canary	8 - 9 Round / Oval	Smooth	Bright Yellow	White	PM, Fom	Vigorous vines produce uniform fruit with crisp flesh, high brix & great shelf life.
2284	Dewlightful F1	90 - 95	Honeydew	7½ Round / Oval	Smooth	Green	Ivory Green	PM	Delicious melon with nice 13-16% brix and good shipping ability and PM resistance.
2208	Marvelous F1	100	Crenshaw	4 - 6 Oval	Smooth	Dark Green	Salmon	—	This great yielding specialty melon has salmon colored flesh that is thick with a dark green rind. Sunburn is prevented by vigorous vines.
2297	Whimsy F1	100	Piel de Sapo	4 - 6 Oval	Smooth	Green & Yellow	White	—	Vigorous vines produce beautiful fruit with delicious crisp white flesh. Also known as a "Christmas Melon".

Melons - Open Pollinated Cantaloupe — Listed by Maturity



2266 Honeyrock



2225 Delicious 51



2270 Iroquois



2257 Hales Best Jumbo

	Variety	Relative Days	Size (lbs.)	Netting / Sutures	Flesh Color	Resistance / Tolerance	Characteristics
2266	Honeyrock	74 - 88	3 - 4	Medium Net / Medium Sutures	Salmon	—	Incredibly sweet. Perfect for backyard home gardens.
2225	Delicious 51	80	2 - 3	Coarse Net / Slight Sutures	Orange	PM, Fom	Great disease resistance for an OP. Thin skin better for home garden and roadside market.
2270	Iroquois	85	6 - 7	Medium Net / Slight Sutures	Deep Orange	Fom	Sweet and productive with fine textured flesh.
2257	Hales Best Jumbo	86	4 - 5	Coarse Net / Slight Sutures	Orange	—	Firm flesh, good flavor and drought resistant. Garden or Market.
2258	Hales Best 45 PMR	86	4	Coarse Net / Slight Sutures	Orange	PM	Can be picked at full slip and shipped across the country. Improves a few days after picked.

Melons - Open Pollinated Specialty — Listed by Maturity



2283 Yellow Canary



2280 Honeydew Green Flesh

	Variety	Relative Days	Size (lbs.)	Netting / Sutures	Flesh Color	Resistance / Tolerance	Characteristics
2283	Yellow Canary	85	4 - 5	Smooth / Yellow	White	—	Sweet, creamy and juicy with a small seed cavity.
2280	Honeydew Green Flesh	90	3 - 5	Smooth / Green	Pale Green	—	Classic honeydew with the flavors of melon, honey, apple, and cucumber.

Melons -

The oldest illustrated reference to a muskmelon dates back to 2400 B.C. in Egypt.

MUSTARD - MIXED / SPECIALTY — Listed by Maturity



2308 Red Giant



2303 Green Wave



2301 Florida Broadleaf



2304 Mizuna

	Variety	Relative Days	Characteristics
2309	Red Streaked Mizuna	20 Baby 45 Mature	Green mustard ideal for harvest at a baby leaf stage when it has its best dark red color. Leaves are deeply serrated and produce their best color during periods of cool growing temperatures.
2315	Old Fashioned	40	Bright green and frilled. Quick growing and delicious.
2308	Red Giant	40	Dark purplish red with large leaves and nice mustard pungency. Suitable for use as an ornamental edible for home garden and colored salad material for restaurant use or as garnish.
2303	Green Wave	45	Deep rich dark green color. Deeply frilled and finely cut leaves. Large upright plant.
2301	Florida Broadleaf	50	Slow bolting, large, erect plant. Leaves are light green, broad, oval, smooth, and slightly serrated with creamy midribs.
2320	Southern Giant Curled	50	Long standing with mild flavor and slow to bolt. Large bright green leaves with crumpled, frilled edges.
2304	Mizuna	60	A non-pungent mustard with tender, narrow stems and deeply cut, fringed leaves.

OKRA — Listed by Maturity



2523 Jambalaya 2.0 F1



2525 Red Burgundy



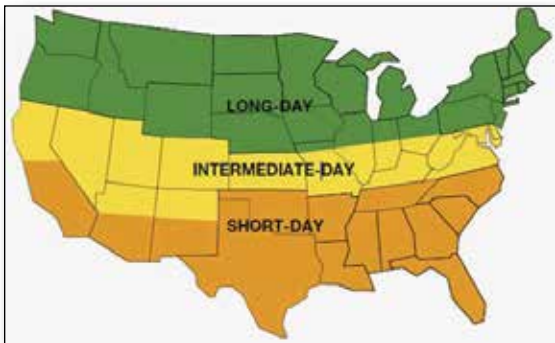
2517 Louisiana Green Velvet



2521 Hill Country Red

	Variety	Relative Days	Characteristics
2523	Jambalaya 2.0 F1	48 - 50	Hybrid: Compact plant with small leaves. Produces high yields of very uniform, shiny, dark green pods.
2525	Red Burgundy	49 - 60	Attractive 4 - 5' plants with green leaves and burgundy stems, branches and leaf ribs. Tender 6 - 8" burgundy pods makes this good yielder an attractive addition to your garden.
2522	Jade	55	Plants average 4½' tall, straight dark-green pods stay tender to 6". High yields. Great for home gardens and farmer's markets.
2510	Clemson Spineless	56	Dark green, slightly grooved, straight, pointed pods are 7 - 9" long and entirely spineless. Uniform, heavy yielding, 4' plants.
2520	Emerald	56	A high yielding and early maturing variety for the North. Pods are good size, dark green, round instead of ribbed, fleshy and tender.
2517	Louisiana Green Velvet	60	Large vigorous 6' plants produce heavily. These round, slender, smooth, light-green spineless pods are about 6 - 7". Produces all season, pods retain color when processed.
2521	Hill Country Red	70	This Texas heirloom has very colorful red and green, 4' plants. The abundant 3" green pods have reddish tips and ribs and great flavor. Drought tolerant, best when picked small. Perfect for pickling.

ONIONS — Listed by Maturity



Long-Day: Northern States

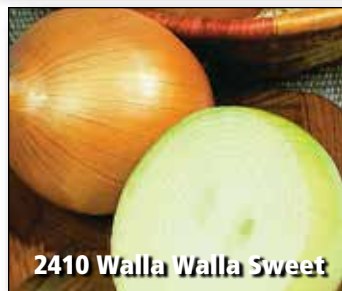
- Suited for latitudes of 37-47°
- Initiate bulbing process when daylength is 14-16 hours
- Usually better for long storage

Short-Day: Southern States

- Suited for latitudes of 25-35°
- Initiate bulbing process when daylength is 10-12 hours
- Plant earlier for larger results

Intermediate-Day: Middle States

- Suited for latitudes of 32-42°
- Initiate bulbing process when daylength is 12-14 hours
- Produces onions of reasonable size except Southernmost Florida and Texas
- Usually very sweet



2410 Walla Walla Sweet



2418 Red Nugent F1



2406 Scorpion F1



2468 Seminis Sv4643NT F1

Long Day (Northern US)

	Variety	Relative Days	Skin Color	Bulb Shape	Storage Length	Characteristics
2410	Walla Walla Sweet	100 - 300	Light Brown	Globe	Fresh	Famous for sweet mild flavor. Cold hardy and good for overwintering. Not for storage.
2418	Red Nugent F1	107	Dark Red	Globe	Medium	Early maturity onion that delivers excellent interior quality, good bolt tolerance, uniformity and high early season yields. Resistant to Basal Rot and Pink Root Rot.
2408	Ailsa Craig Exhibition	110	Yellow	Globe	Fresh to Short	Bulbs have straw-colored yellow skin w/ sweet firm flesh (Avg. 2 lbs. but can reach 5 lbs.)
2406	Scorpion F1	110	Copper / Brown	Globe	Long	Produces a nice medium sized blocky bulb and has long term storage potential.
2468	Seminis SV4643NT F1	110	Red	Globe	Medium to Long	Matures to a large size and features beautiful red internal and external color. Stores very well for a red variety.
2415	Yellow Sweet Spanish	130	Golden	Globe	Short	Produces large bulbs with great, long lasting flavor.

Intermediate Day (Middle of US)

2404	Borettana (Cipollini)	80	Bronze	Flattened Sphere	Long	2" in diameter and 1" thick with firm, fine-grained flesh, well developed flavor, and satiny skins. They are long day onions with excellent keeping quality.
2405	Gold Coin	80	Yellow	Flattened Sphere	Short	Pungent and sweet. Stores well. Great for bunching. Deliciously sweet when cooked.
2481	Red Canyon F1	100	Red	Globe	Medium	Dependable yields with high percentage of single centers with distinct red rings.

Neutral Day

2400	Candy F1	95	Golden	Globe	Short	Highly adaptable. It has a unique, sweet and mild flavor. Produces jumbo to colossal bulbs with large, thick rings and mostly single centers. The bulbs have small necks, a golden brown exterior and beautiful flesh. Also available pelleted.
2472	Sierra Blanca F1	100	White	Globe	Fresh to Short	Earlier, larger and more flavorful than most types. Thick flesh is sweet and mild. Resistant to Pink Root Rot and is bolt tolerant. Not for storage. Neutral = Spring, Short = Fall

Short Day (Southern US)

2407	Cipollini Red	80	Red	Flattened Sphere	Medium	Small flat onions encased in a papery, bright red skin. Their sharp flavor becomes sweeter when sautéed or roasted. A bit sweeter than the more common yellow variety.
2424	Pecos F1	90	Brown	Globe	Short	This early yellow onion has medium-low pungency. High resistance to Pink Root Rot allowing high yield potential. Intermediate resistance to Fusarium Basal Rot. Good Vigor and well adapted to subtropical markets.
2465	Red Burgundy	95 - 165	Dark Red	Flattened Globe	Short	Short day type that are 3 - 4" in diameter. Soft white flesh with red rings. Very mild and sweet. Short storage, may be picked young for bunching.



2415 Yellow Sweet Spanish



2405 Gold Coin



2481 Red Canyon



2400 Candy F1



2472 Sierra Blanca F1



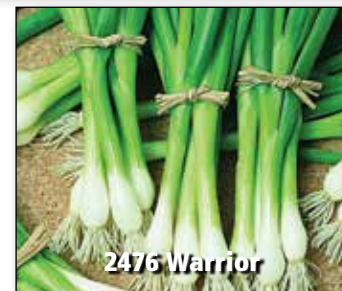
2407 Cipollini Red



2424 Pecos F1



2465 Red Burgundy

Bunching Onions — Listed by Day Type; Maturity**2403 Deep Purple F1****2473 Tokyo Long White****2411 Crystal White
Wax Pearl****2476 Warrior****Neutral Day**

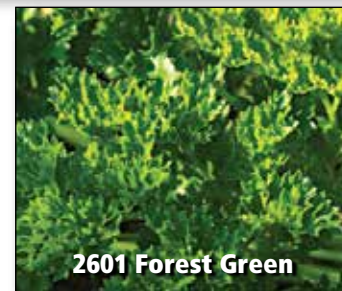
	Variety	Relative Days	Day Length	Characteristics
2403	Deep Purple F1	55	Neutral	Attractive deep color and contrasting bright green leaves. Red / purple skin and white flesh that tastes sweet and mild. Suitable for overwintering.
2455	Ishikura Improved	66	Neutral	Upright stiff tops are pale blue-green. Grow up to 2½ ft tall. Single stems with little or no bulb.
2473	Tokyo Long White	68	Neutral	Extremely popular Japanese variety. Produces small white stalks and long blue-green tops.

Short Day (Southern US)

2411	Crystal White Wax Pearl	60	Short	Great garden variety. Used for bunching or pearl onions. Flesh is waxy white with mild taste.
2417	Evergreen Bunching	60	Short	Common bulbless small bunching onion. Produces white stalks.
2476	Warrior	60	Short	Dark green tops and small, tender ½" diameter bulbs are fragrant and powerfully spicy with a crisp bite. Vigorous variety is compact enough for containers. Holds flavor and texture very well.

Shallots — Listed by Day Type; Maturity

	Variety	Relative Days	Day Length	Characteristics
2499	Zebrune	100	Long	Also known as banana shallots. Bulbs are easy to peel with a sweet and mild flavor and pinkish-brown color. Commonly used in gourmet cooking. Resists bolting and keeps well in storage when dried properly.

**2499 Zebrune****PARSLEY** — Listed by Maturity**2605 Giant of Italy****2620 Italian Plain****2625 Overwinter Plain****2601 Forest Green**

	Variety	Relative Days	Characteristics
2605	Giant of Italy	60 - 70	Flavorful dark green leaves are extra-large and grow on strong, upright stems. Very high yielding and dependable.
2615	Parsley Garden Blend	70 - 85	Three types of parsley in one planting. This blend will offer you a flat, semi-curved and curled parsley in one package.
2620	Italian Plain	75	Also called "Celery Leaf" parsley, Italian Plain leaf is vigorous growing and erect with flat, glossy dark green leaves. Pleasant, aromatic flavor.
2601	Forest Green	76	Strong and vigorous plant grows erect. The stems are long and attractive for bunching. The leaves are heavily curled and dark green. Maintains its color well and tends to show less yellowing than other varieties under multiple-harvest conditions.
2625	Overwinter Plain	77	Produces flat, moderately cut, glossy dark green leaves. Winter hardy in most areas and well suited for overwinter production.

PARSNIPS — Listed by Maturity

	Variety	Relative Days	Characteristics
2705	All American	95	Roots are tapered, 10 - 12" long x 3" diameter. Hollow crown, white skin, white, fine-textured flesh with a small core. Free from side roots and fiber. Attains thickness fairly early. High sugar and excellent quality.

**2705 All American**

Shelling Peas — Listed by Maturity



2879 Spring



2803 Dakota

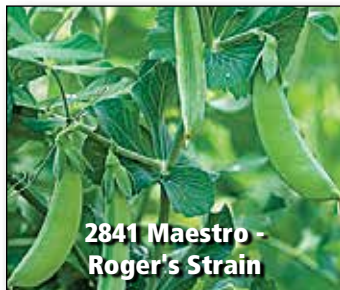


2808 Early Freezer 680



2842 Mr. Big

	Variety	Relative Days	Pod Length	Peas per Pod	Resistance / Tolerance	Vine Length	Characteristics
2879	Spring	52	3"	6 - 7	CW	22"	Produces dark, attractive pods with medium sized peas.
2803	Dakota	57	3 - 3½"	8 - 9	F, PM	22"	Developed for canning/freezing, but is also good fresh. Early pod set can beat the summer heat.
2808	Early Freezer 680	58	4"	7 - 8	F	22 - 26"	This double podded variety delivers high yields of high quality peas for serving fresh as well as freezing.
2842	Mr. Big	59	5"	8 - 10	F, PM	24 - 36"	Pods are so large that shelling them is a breeze. Retains color and sweet flavor for an extended time. High percentage double pod set.
2835	Little Marvel	60	3½"	7 - 8	CW	18"	The plants are compact, productive, and hardy. Small pods whose peas stay tender and sweet even when fully ripe.
2827	Knight	61	3½ - 4"	8	BYM, CW, PEMV, PM	24"	High yields of bright green pods produced on a vigorous, large-leaved plant that does not require trellising.
2841	Maestro - Roger's Strain	61	4"	8 - 10	BYM, CW, PEMV, PM	16"	This seed is grown in Idaho from the original Rogers strain of Maestro. Extremely high yielding, with a high number of double pods.
2867	Progress No. 9	62	4½"	7	—	15"	Dwarf plant produces high yields of dark green sweet peas.
2813	Early Frosty	64	3½"	6	CW	28"	Strong vines produce excellent yields of sweet, dark green peas (many double pods) concentrated near the top of the plant. Widely adapted.
2806	PLS 595	64	4 - 4½"	10 - 11	F, PM, DM	24"	Afila type with high marketable yields. Uniform, and easy to harvest.
2898	Wando	65	3 - 3½"	7 - 9	—	24 - 30"	Heat resistant and pollinates well under cold conditions. High yielding.
2829	Lincoln	67	3½"	7 - 8	CW	28"	Good heat tolerance. A long-time favorite for home gardeners.
2824	Green Arrow	68	4 - 5"	8 - 11	F, PM	24 - 28"	Large bright green pods produce strong yields of deep green peas.
2802	Serge	68	3 ½"	7 - 9	F, PEMV, PM	28"	Stress tolerant including heat and drought due to its strong root system. Averages 2 pods per node of tasty peas. Also used for shoot production.
2801	Bolero	69	3"	7 - 9	—	28"	Blunt, dark green with many doubles. Excellent frozen, canned or fresh.
2800	Alderman - Tall Telephone	70 - 78	5"	8 - 10	—	60 - 72"	Large, dark green, vigorous, and indeterminate vines climb and need support. Produces high yields of dark green peas.
2804	Dual	71	4"	10 - 14	—	30"	A full season variety. Almost all double pods. Sweet flavor - excellent for freezing. Pure Strain.



2841 Maestro - Roger's Strain



2867 Progress No. 9



2806 PLS 595



2829 Lincoln



2824 Green Arrow



2802 Serge

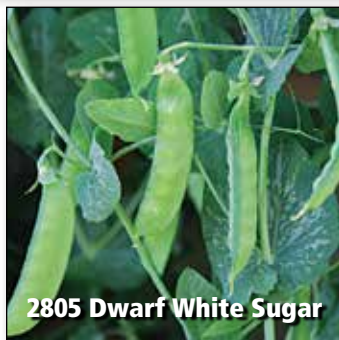


2801 Bolero

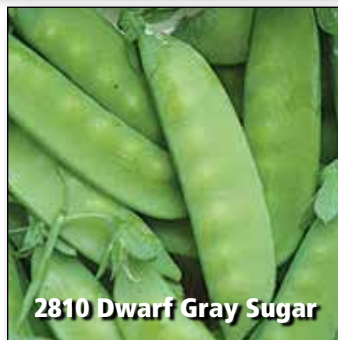


2804 Dual

Edible Pod Peas - Snow — Listed by Maturity



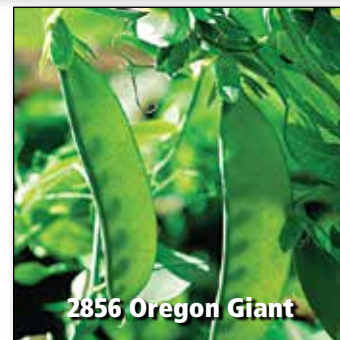
2805 Dwarf White Sugar



2810 Dwarf Gray Sugar



2857 Oregon Sugar Pod II



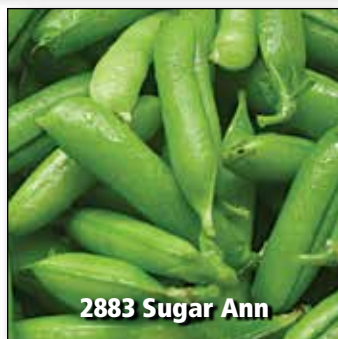
2856 Oregon Giant

	Variety	Relative Days	Pod Length	Resistance / Tolerance	Vine Length	Characteristics
2805	Dwarf White Sugar	50	2½"	—	20"	Vigorous vines bear sweet stringless pods. Produces abundantly until hot weather.
2810	Dwarf Gray Sugar	57	3"	F	30"	A classic snow pea variety prized for its red blossoms and subtly reddish-tinted stems and leaves. Great for garnishes and in salad mixes.
2888	Avalanche	58 - 60	5 ¼"	F, PM	30"	Semi-leafless Afila-type vine with excellent standability sets beautiful dark colored pods. Highly productive.
2857	Oregon Sugar Pod II	68	4"	CW, PEMV, PM	30"	Oriental-type variety with tender, bright green pods. Smooth pods are high quality with a sweet, mild flavor and crunchy texture. Vines need no support.
2856	Oregon Giant	69	5"	F, PEMV, PM	30"	Medium green, flat pods with delicious sweet flavor. White flowered vines can be grown without support.

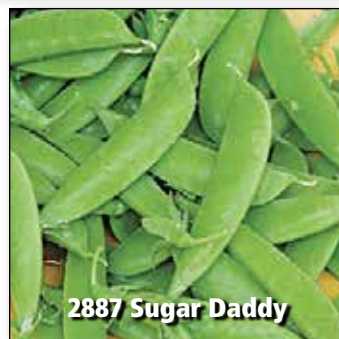
Edible Pod Peas - Snap — Listed by Maturity



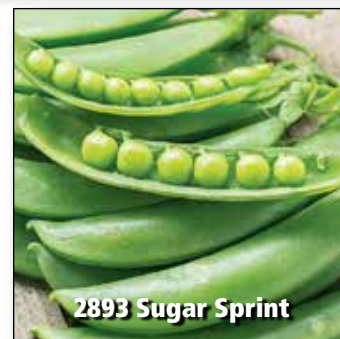
2881 Cascadia



2883 Sugar Ann



2887 Sugar Daddy



2893 Sugar Sprint

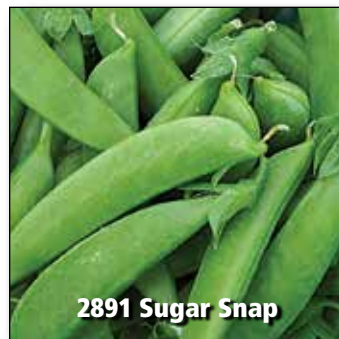
	Variety	Relative Days	Pod Length	Vine Length	Resistance / Tolerance	Characteristics
2881	Cascadia	58	3"	30"	CW, PEMV	Erect, compact bush habit. Pods are sweet, thick walled, parchment free, and non-mealy.
2883	Sugar Ann	59	2½ - 3"	18"	F	Stringless, sweet crisp pods mature earlier than Sugar Snap. Vines do not need support.
2887	Sugar Daddy	62	3"	30"	PM	Dwarf vines need little support. Pods are stringless and thick fleshed. Double pods at each node at top of plant for easy picking. Full season, three pickings, heavy yields.
2893	Sugar Sprint	62	3"	26"	PEMV, PM	Its stringless pods are quick to prepare and very sweet to eat. Grow on short stakes or right on the ground.
2894	Snak Hero	65	4"	18 - 24"	PM	Stringless, edible pods are slender, straight and elongated with great taste and texture. Widely adaptable and great both fresh or frozen.
2892	Super Sugar Snap	66	3"	55 - 65"	PM	Similar to Sugar Snap with earlier maturity and disease resistance.
2891	Sugar Snap	70	3"	72"	F	The thick, round, and meaty pods develop 5 - 7 medium green peas. Can develop strings at full maturity. Vines need support. Frost resistant and freezes well.



2894 Snak Hero



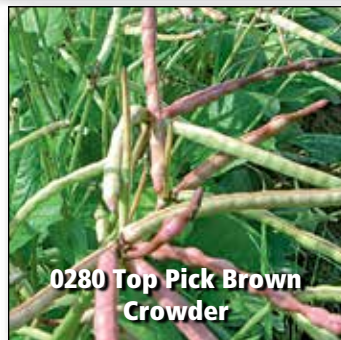
2892 Super Sugar Snap



2891 Sugar Snap

One serving of peas contains the equivalent Vitamin C as 2 large apples and a 100 calorie serving of peas contains more protein than a whole egg or tablespoon of peanut butter.

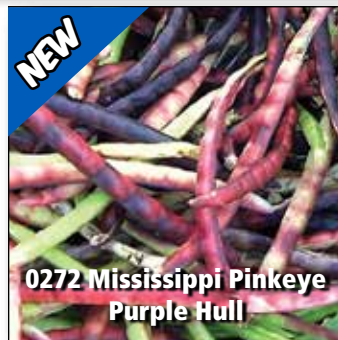
Southern Peas (Cow Peas) — Listed by Maturity



0280 Top Pick Brown Crowder



0281 Top Pick Cream



0272 Mississippi Pinkeye Purple Hull



0242 Mississippi Purple Brown Crowder

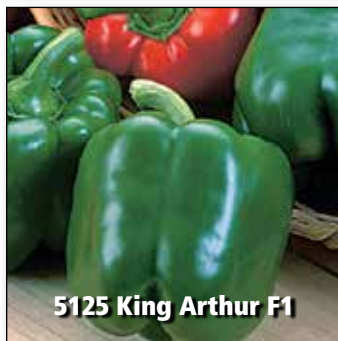
	Variety	Relative Days	Pod Color	Seed Color	Characteristics
0280	Top Pick Brown Crowder	50 - 70	Green / Light Purple / Red	Brown	High yielding bright color pods for easy shelling.
0281	Top Pick Cream	50 - 70	Green	Cream	Produces small sized peas on short bushy plants.
0283	Top Pick Pinkeye	50 - 70	Green / Light Purple / Red	White / Pinkeye	Improved pinkeye variety with concentrated set on top of plant.
0285	Black Eye	70	Green-Tan	Black eye	This is a well-known standard variety. High yields with vigorous vines that are easy to grow. Very popular in the Southern US.
0272	Mississippi Pinkeye Purple Hull	70	Purple	Pinkeye	Blackeye Cowpea Mosaic Virus Resistant. Productive and flavorful, this popular variety yields 6-8 inch long dark pods that contain between 9 and 11 cream colored seeds with maroon/pink eyes.
0242	Mississippi Purple Brown Crowder	70	Reddish-Purple	Brown	Very high yielding disease resistant plants. Pods are Reddish-Purple at green shell stage and are packed with delicious large brown seed.

SWEET PEPPERS

Hybrid Peppers - Sweet Bell; Green to Red — Listed by Maturity



5152 Sailfish F1



5125 King Arthur F1



5129 Lady Bell F1



5156 Seminis PS09979325 F1

	Variety	Color / Size	Relative Days	Resistance / Tolerance	Characteristics
5154	Red Knight F1	Green / Red X-Large	64	Xcv 1,2,3; PVY	An early maturing, blocky bell pepper that matures from dark green to bright red and maintains good quality at maturity. Vigorous plant, very productive.
5152	Sailfish F1	Green / Red X-Large	65	TMV, Xcv, Pc	Early for fresh market, this pepper is a high quality, blocky, smooth fruit.
5125	King Arthur (Fat 'N Sassy) F1	Green / Red Large	67	Xcv 1,2,3; PMV, PVY, Stip, TMV	High yielding, thick-walled fruit set well in heat. The compact and upright plants have excellent cover.
5060	Galileo F1	Green / Red Large	69	Xcv 1-3, Pc	Strong medium-sized plant averages 8 to 10 uniform and blocky fruit with four lobes that are easily harvested.
5020	Blitz F1	Green / Red X-Large	70	TEV, TMV, Xcv 0-5, 7-9	Great yield potential. Fruit are high quality with thick walls and a uniformly blocky shape. Excellent for open field or high tunnel production.
5006	Cougar F1	Green / Red Large	70	TMV, PVY Xcv 1,2,3	Sweet, thick walled blocky fruit are grown on a semi open plant that provides good sunburn protection. 3 to 4 lobes.
5003	Snackabelle F1	Green / Red Mini	70	TMV, Xcv 1,2,3,7,8	Mini-Bell: Thick-walled and blunt-ended peppers have a rich, sweet flavor. Offers an "Easy-out" stem and seeds and holds up well for grilling and stuffing.
5007	Samurai S10 F1	Green / Red Large to X-Large	70 - 75	TMV 0, Xcv 0-10	Vigorous plants produce high yields of glossy fruit that are very firm and uniform. Widely adapted with good setting ability.
5156	Seminis PS09979325 F1	Green / Red Large to X-Large	70 - 75	Xcv 0-10	Boasts what Seminis calls X10R® technology which means that it has intermediate resistance to Bacterial leaf spot races 0- 10. Firm attractive fruit are large to extra-large with a slightly elongated shape.
5129	Lady Bell F1	Green / Red Large	71	TMV	Consistent performer. Medium-thick walls. Prolific, even in cooler weather. Popular for plant sales as well as fresh market use.

Hybrid Peppers - Sweet Bell; Green to Red *(continued)* — Listed by Maturity**5002 Playmaker F1****5015 Aristotle X3R F1****5030 Big Bertha F1****5157 Revolution F1**

	Variety	Color / Size	Relative Days	Resistance / Tolerance	Characteristics
5134	Majestic Red F1	Green / Red X-Large	71	Xcv 0-3, 5, 7, 8 Pc	Firm blocky fruit with thick walls and crunchy texture, mature to a bright candy apple red color. Plants are medium to large, have good cover, and are widely adapted.
5002	Playmaker F1	Green / Red X-Large	71 - 75	ToMV, Xcv 0-10 Pc	Concentrated fruit set. 20-24" plant produces a heavy set of large, dark green, fruit. High yield potential.
5015	Aristotle X3R F1	Green / Red X-Large	72	Xcv 1,2,3; TobamoP PVY	Tremendous yield potential. Heavy set with thick walls. Vigorous plant produces beautiful fruit and performs well when stressed. Also available pelleted.
5030	Big Bertha F1	Green / Red Elongated	72	TMV	This jumbo hybrid bell is very productive. Very large (7 x 4"), smooth, and thick-walled. Dark green foliage gives excellent cover.
5157	Revolution F1	Green / Red X-Large	72	CMV, Xcv 1,2,3,5, Pc	Medium tall plants provide concentrated set of blocky fruit with good wall thickness and a four lobed shape. Good yield ability during cool growing periods.
5172	Touchdown F1	Green / Red Jumbo	72	TMV, Xcv 0-10	A strong, prolific plant with continuous setting ability and excellent cover. Produces high yields of thick-walled blocky fruit that are smooth and crisp with good flavor.
5017	Tarpon F1	Green / Red X-Large	72 - 75	Xcv 0-10, PC, TobamoP	Compact plant produces beautiful smooth blocky fruit that are dark green. Excellent disease resistance.
5069	Mercer F1	Green / Red X-Large	72 - 78	TMV 0, Xcv 0-3, 7, 8, PC	This widely adapted variety does well in Northeastern US. High yields and good quality come from these vigorous and sturdy plants that also have good cover. Blocky fruit are firm and smooth.
5012	Antebellum X10R® F1	Green / Red X-Large	73 - 75	Xcv 0-10, TSWV, TobamoP	Strong, full season variety with extended harvest and good yield potential. Longer blocky shape will hold in cooler temps. High quality fruit with outstanding size.
5013	Green Machine F1	Green / Red XX-Large	75	TobamoP, TSWV, Xcv 0-10	Robust, disease resistant plant produces a high set of firm, dark green, smooth, blocky anthocyaninless (flavonoid that causes purpling) fruit.
5148	Paladin F1	Green / Red X-Large	75	PC, TMV, ToMV	Semi-compact plant that is vigorous and has good cover. Excellent yields of blocky fruit. High quality for the commercial fresh market.
5153	Red Bull F1	Green / Red X-Large	75	Xcv 1,2,3	Strong plant produces heavy sets of blocky, smooth and very thick walled fruit. Plant provides good cover.
5016	Turnpike F1	Green / Red XX-Large	75	Pc, Xcv 0-5, 7-9	Concentrated fruit set. Industry leading quality and yield potential with a strong agronomic package.

**5172 Touchdown F1****5012 Antebellum X10R® F1****5017 Tarpon F1****5069 Mercer F1****5013 Green Machine F1****5148 Paladin F1****5153 Red Bull F1****5016 Turnpike X5R F1**



5011 Islander F1



5181 White Zinfandel F1



5147 Orange Blaze F1



5065 Merlot F1

	Variety	Color	Relative Days	Resistance / Tolerance	Characteristics
5011	Islander F1	Light Lavender / Yellow Orange / Very Dark Red	56	TMV	This pretty pepper transitions beautifully through its colors. Medium-tall plants produce fruit with thick flesh and a mild, slightly sweet taste.
5181	White Zinfandel F1	White / Pink	65	—	Large fruit are unique. Beautiful white colored bell with a slight pink blush.
5147	Orange Blaze F1	Green / Orange	65 - 70	Xcv 0-3, 7,8 TobamoP	Easier than most colored peppers to grow. Matures to a beautiful orange color earlier than most with very sweet flavor. Fruit are 3-4" by 1 1/2" with 2-3 lobes.
5065	Merlot F1	Deep Purple / Red	68	TMV	A thick walled, blocky bell (5 x 4") that is very sweet and highly adaptable.
5149	Pinot Noir F1	Lilac / Red	68	—	Outstanding color and crisp sweet flavor. Thick-walled and highly adaptable.
5027	Bianca F1	Ivory / Apricot / Red	69	TMV	Early setting, compact, strong plant. A full range of colors all from one variety.
5050	Delirio F1	Green / Orange	69	TMV, TSWV	Medium, block shaped, and thick walled, large fruit that are greenhouse quality.
5068	Tequila F1	Yellow / Orange Purple / Red	69	TMV	These tasty peppers can be harvested in a variety of beautiful colors. Larger than other purple varieties. 3-4 lobed, blocky and grows to about 3 1/2" X 3 1/2".
5084	Early Summer F1	Dark Green / Yellow	70	Xcv, TSWV, TMV	Strong plants provide good cover and great yield potential. Fruit are firm, smooth, glossy and high quality with thick walls and a uniformly blocky shape.
5066	Early Sunsation F1	Green / Yellow	70	Xcv 1,2,3; PVY, TMV	Big, blocky smooth bells mature to a brilliant golden-yellow.
5005	Muscato F1	Green / Orange	75	TMV	Vibrant Orange 5 x 4" fruit with 4 lobed blocky thick walls produced on productive 24" ever bearing plants.
5010	Delray S10 F1	Dark Green / Deep Yellow	75 - 78	TMV, TSWV, Xcv 0-10	Mid-strong vigorous plant with good cover and continuous setting ability produces large to extra-large fruit that are mid smooth, firm, and glossy. Widely adapted.
5067	Milena F1	Green / Deep Orange	80	PVY, TMV 0-3, TEV, TSWV	For tunnels and greenhouses, plants are resilient and perform well. Blocky, medium-large fruit have very good flavor, 3-4 lobes with thick walls. High yields and adaptable to a variety of conditions.



5027 Bianca F1



5050 Delirio F1



5068 Tequila F1



5084 Early Summer F1



5066 Early Sunsation F1



5005 Muscato F1



5010 Delray S10 F1

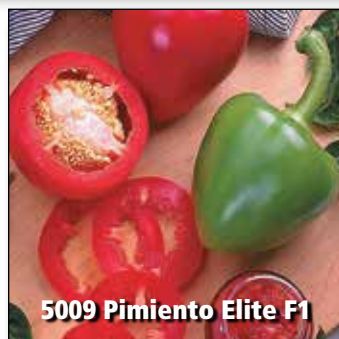


5067 Milena F1

Hybrid Peppers - Assorted Sweet — Listed by Maturity



5171 Takara F1



5009 Pimiento Elite F1



5167 Sweet Savannah F1



5087 Goddess F1

Assorted

Variety	Relative Days	Type	Color	Size	Resistance / Tolerance	Characteristics
5171 Takara F1	60	Shishito	Bright Green / Bright Red	3½ x 1"	—	The compact plant produces high numbers of small fruit that are mild, but have rich flavor. Much more uniform than OP varieties.
5009 Pimiento Elite F1	72	Pimiento	Green to Red	3 x 3	ToMV	This heart shaped pepper tapers to a blunt end. High yield potential.

Banana

5167 Sweet Savannah F1	53	Banana	Yellow / Red	9 x 2"	—	Large, shiny, sweet, and tasty fruit set early with excellent vigor.
5087 Goddess F1	70	Banana	Yellow / Red	9 x 1¾"	Xcv 1,2,3	Fruit are sweet and straight with glossy smooth skin. Heavy producer.
5290 Godiva F1	70	Banana	Yellow / Red	9 x 1¾"	TSWV, Xcv	Heavy concentrated set of uniform fruit, good for fresh and processing.
5169 Sweet Sunset F1	85	Banana	Yellow / Red	8 ¼ x 1¾"	Xcv 0-3, 7,8	Compact and vigorous plant with large concentrated set. Fruit is attractive and tasty.

Cubanelle

5019 Aruba F1	64	Cubanelle	Lime Green	7½ x 2¼"	PVY, TMV	Attractive four-lobed, elongated fruit. Erect plants with outstanding vigor support a large fruit set without overcrowding.
5062 Grenada F1	82	Cubanelle	Light Green	5 x 2"	Xcv 0-3, 7, 8	Boasts smooth fruit with a shallow shoulder cavity and excellent overall quality. Offers strong plants with great yield potential.

Hungarian

5095 Gypsy F1	58	Hungarian	Yellow / Red	5 x 2"	TMV	Sweet fruit are very thick-walled (3 - 4 lobes). Suitable for containers.
5100 Hungarian Sunshine F1	65	Hungarian	Yellow / Red	6 x 4"	—	Sets a high number of uniform fruit that are large and thick-walled.

Italian

5046 Carmen F1	60	Italian	Green / Red	6 x 2½"	—	Average 5 oz. and ripen from green (60 days) to deep carmine red (80 days), mostly 3-lobed. Upright, medium-sized plant.
5086 Giant Italian Roaster F1	70	Italian	Green / Red	9 - 10" x 2"	PVY, TMV	Very large with thick, sweet flesh. Holds length setting in cool weather.
5031 Giant Marconi F1	72	Italian	Green / Red	8"	PVY, TMV	Outstanding yield, size and flavor. Long with a lobed tip. Sweetest when red. Plants are 30" tall and stress tolerant.



5169 Sweet Sunset F1



5290 Godiva F1



5062 Grenada F1



5095 Gypsy F1

5100 Hungarian
Sunshine F1

5046 Carmen F1



5086 Giant Italian Roaster



5031 Giant Marconi F1

Hybrid Peppers - Assorted Sweet — Listed by Maturity



5004 Candy Cane - Red F1



**5001 Candy Cane
Chocolate Cherry F1**



5185 Lunchbox Mix



5286 Sweetie TZ Mix F1

Snack

	Variety	Relative Days	Type	Color	Size	Resistance / Tolerance	Characteristics
5004	Candy Cane - Red F1	60 - 65	Snack	Green Striped / Red	3½ x 1¾"	—	Eye-catching variegated foliage. Sweet flavor, thin walls, and crispy texture.
5001	Candy Cane - Chocolate Cherry F1	70 - 75	Snack	Green / White Striped / Chocolate / Red Stripe	3½ x 1¾"	—	Same eye-catching variegated foliage but fruit ripens from green striped to Chocolate / Red striped with sweet flavor, thin walls, and crispy texture.
5185	Lunchbox Mix F1	73	Snack	Green / Red / Yellow / Orange	2 - 4" x 1.5"	—	Great blend of Orange, Red, and Yellow Lunchbox snack peppers.
5187	Lunchbox Orange F1	73	Snack	Green / Orange	2 - 4" x 1.5"	—	Strong plants provide nice yields of beautiful and mini-sized peppers with fruity-flavor and average 2 ½ - 3" by 1 ½".
5189	Lunchbox Red F1	73	Snack	Green / Red	2" x 1"	—	Slightly smaller than their orange and yellow counterparts. Avg. 2" by 1".
5188	Lunchbox Yellow F1	73	Snack	Green / Yellow	2 - 4" x 1.5"	—	Yellow version of the great lunchbox snack peppers.
5286	Sweetie TZ Mix F1	73	Snack	Green / Red / Yellow / Orange	3 - 4" x 2"	—	Large, sturdy plant produces uniform fruit that are a bit bigger than other snack peppers. Nearly seedless, well adapted and high yielding.
5287	Sweetie TZ Orange F1	73	Snack	Green / Orange	3 - 4" x 2"	—	A beautiful orange color, this pepper is a little bigger than the red.
5288	Sweetie TZ Red F1	73	Snack	Green / Red	2 - 3" x 1.75"	—	Shiny red and a little smaller than its orange and yellow counterparts.
5289	Sweetie TZ Yellow F1	73	Snack	Green / Yellow	3 - 4" x 2"	—	About the same size as its orange counterpart.

Standard Peppers - Sweet - Open Pollinated — Listed by Maturity



5232 Jupiter



5266 Purple Beauty



5231 Yellow Monster



5228 Golden Cal Wonder



**5285 Yolo Wonder
Pepper "B"**



5224 Emerald Giant



5208 Big Red



5207 California Wonder

Bell	Variety	Days	Type	Color	Characteristics
5232	Jupiter	68	Bell	Green / Red	Fruit are large and blocky with 4 thick-walled lobes. Sweet flavor, widely adapted, and TMV tolerant. High yielding until frost.
5266	Purple Beauty	70	Bell	Green / Purple / Red	Thick protective foliage on a productive plant. Crisp sweet bell, TMV resistant. Can be grown in containers. Pick when deep purple or wait until fully mature for a deep red.
5231	Yellow Monster	70	Bell	Green / Yellow	This Monster is almost 8" by 4". Flavor is enhanced when the color changes from green to yellow. Really sweet and meaty, great fresh, fried or roasted.
5228	Golden Cal Wonder	72	Bell	Green / Gold / Orange	Very sweet, 4 lobed fruit grown on upright plants that are productive.
5285	Yolo Wonder Pepper "B"	72	Bell	Green / Red	Nice yields of 4 lobed, thick-walled fruit on compact plants with dense foliage cover. Sweetest when matured to red. TMV resistant.
5224	Emerald Giant	74	Bell	Green / Red	Improved Keystone Resistant Giant type. Erect plant habit, heavy yields. Thick-walled fruit have a juicy taste and crisp texture. TMV resistant.
5208	Big Red	75	Bell	Green / Red	Very sweet, thick flesh. Good yields of large 3-4 lobed fruit. Great for fresh market and home gardens. Plants grow to about 24".
5207	California Wonder	75	Bell	Green / Red	Thick meaty walls. Square shaped fruit with 3 or 4 lobes. Continuous productive set.

Standard Peppers - Sweet - Open Pollinated (continued) — Listed by Maturity**5220 Diamond****5249 Orange King****5269 Sunbright****5211 Chocolate Beauty****Sweet Bell (continued)**

	Variety	Relative Days	Relative Type	Color	Characteristics
5220	Diamond	75	Bell	White / Yellow / Red	Medium-thick flesh, 3-4 lobed. Remains translucent ivory for quite a while before gradually maturing.
5249	Orange King	75	Bell	Green / Orange	Thick-fleshed fruit are crunchy, very sweet, and blocky. Start out dark green and mature to glossy orange. Great for eating fresh and in stir fry.
5269	Sunbright	75	Bell	Green / Yellow / Red	Yellow sister to Big Red. Produces good yields of large fruit that are good fresh and for stuffing. Green to pale yellow and then scarlet red.
5237	Keystone Resistant Giant	78	Bell	Green / Red	Thick walled fruit on a plant with thick foliage. Widely adapted and well suited to Mid-Atlantic region, not recommended for deep South. Stress tolerant. TMV resistant.
5211	Chocolate Beauty	85	Bell	Green / Brown	Rich chocolate brown with purple-black highlights. Crisp, juicy and very sweet. TMV resistant.

**5215 Cubanelle****5205 Aconcagua (Giant)****5217 Corno Di Toro Giallo****5216 Corno Di Toro Rosso****Cubanelle**

	Variety	Relative Days	Type	Color	Characteristics
5215	Cubanelle	68	Cubanelle	Green / Yellow / Red	Sweet fruit tapers to blunt rounded end, slightly irregular in shape with firm wavy flesh. Productive.
5205	Aconcagua (Giant)	70	Cubanelle	Green / Red	Cubanelle-shaped but much larger. Very sweet with excellent cover.

Italian

5217	Corno Di Toro Giallo	72	Italian	Green / Yellow	Yellow sister to Corno Di Toro Rosso.
5216	Corno Di Toro Rosso	72	Italian	Green / Red	Long 8" bull-horn shaped. Sweet and spicy. Large plants yield well.
5230	Jimmy Nardello's Sweet Italian Frying Pepper	75	Italian	Green / Red	One of the very best for frying. Long, crinkly fruit ripen rapidly. Slightly spicy, smoky flavor.
5243	Marconi - Red	80	Italian	Green / Red	Somewhat elongated, ripens to red.
5229	Marconi - Golden	85	Italian	Green / Gold	Heirloom variety from Italy. Medium-thick sweet flesh with thin skin.

Assorted

5276	Sweet Pickle	65	Pickle	Orange / Yellow / Purple / Red	Plant produces heavy yields of 2" long by 1" wide sweet peppers. Make excellent pickled peppers. Plants used for ornamental bedding.
5271	Sweet Banana	70	Banana	Yellow / Orange / Red	Fruit colors as it matures from yellowish pink to light orange / red.
5025	Miniature Chocolate	75	Mini - Bell	Green / Chocolate	Plants are loaded with 2" fruit that ripen from green to chocolate.
5262	Pimento	75	Pimento	Green / Red	Smooth heart-shaped fruits are very sweet with thick walls.
5270	Habanada	85	Heatless Habanero	Green / Orange	A wonderful HEATLESS habanero with tropical flavor. Extremely productive and holds quality for a long time on the plant. Allow to ripen to orange for best flavor.

**5230 Jimmy Nardello's Sweet Italian Frying****5276 Sweet Pickle****5025 Miniature Chocolate****5270 Habanada**

HOT PEPPERS

Hybrid Peppers - Hot — Listed by Type / Maturity



Ancho / Poblano

Variety	Relative Days	Type	Color	Scoville Rating	Resistance / Tolerance	Characteristics
5311 Ancho Ranchero F1	75	Ancho / Poblano	Dark Green / Red	1,000 - 2,000	TMV	Large heavy setting plants grow giant, thick-walled, pointed fruit.
5424 Trident F1	80 - 90	Ancho / Poblano	Dark Green / Red	250 - 1,500	—	Medium-long, tapering, firm, and straight with a high percentage of two lobes. Good vigor and continuous setting ability. Adapted for long cycle production. Good for both fresh and drying market.

Cayenne

5371 Mesilla F1	68	Cayenne	Green / Red	2,000 - 4,000	PVY, TEV, TMV	Long and hot with thin walls and superior disease resistance.
5496 Dragon Cayenne F1	70	Cayenne	Dark Green / Red	30,000 - 50,000	—	Sturdy plants provide good cover for the petite pods, hotter than jalapeños. Prefers lots of heat and a long growing season. Productive plants are about 30", fruit are about 3-4" long.
5323 Cheyenne (Arapaho) F1	78	Cayenne	Dull Green / Red	35,000 - 40,000	PVY, TEV, TMV	Long and hot that is earlier and darker than many cayenne types.



Hot Banana

5429 Golden Dagger (Zizzler II) F1	55	Hot Banana	Yellow / Red	3,000 - 3,500	—	Very hot banana. Large (8 x 2"). Great color and quality.
5333 Medium Hot Hungarian Banana (Fury) F1	60	Hot Banana	Pale Green / Red	1,500 - 2,500	—	Plant is upright and prolific. Fruit tapers to blunt point.
5354 Inferno F1	63	Hot Banana	Yellow / Red	2,500 - 4,500	—	Excellent for fresh market or pickling. Medium flesh. Very productive and uniform.
5301 Blazing Banana F1	70	Hot Banana	Yellow / Red	6,000 - 6,500	Xcv 1,2,3	Very hot. Plant is strong with good fruit coverage and high yields.



We know that oil and water don't mix. Since capsaicin is an oil, drinking water after eating hot peppers will only exacerbate the effects.

Habanero

Variety	Relative Days	Type	Color	Scoville Rating	Resistance / Tolerance	Characteristics
5302 Burning Bush F1	85	Habanero	Green / Orange	15,000 - 20,000	TobamoP	One of the earliest maturing habaneros. On average they mature 2 - 3 weeks earlier than their open pollinated counterparts.
5388 Rey Pakal F1	95	Habanero	Light Green / Red	200,000	—	High quality, matures nearly 2 weeks sooner than standard op varieties.
5467 Super Habanero F1	95	Habanero	Pale Green / Red	300,000+	TSWV, CMV	Widely adapted large plant provides great fruit cover. Fruit are uniform and hot.

Hybrid Peppers - Hot *(continued)* — Listed by Type / Maturity**5307 Seminis PS11435807 F1****5410 Spicy Slice F1****5387 Mucho Nacho F1****5355 Jalafuego F1****Jalapeño**

	Variety	Relative Days	Type	Color	Scoville Rating	Resistance / Tolerance	Characteristics
5307	Seminis PS11435807 F1	64	Jalapeño	Dark Green / Red	1,500 - 2,500	PVY, TEV, Pc	Provides a concentrated set of smooth and dark fruit that are good sized. Vigorous medium-sized plants have good yield potential.
5410	Spicy Slice F1	65	Jalapeño	Dark Green / Red	2,500 - 5,000	TEV, Xcv 0-3, 7, 8	Produces extra-large, long fruit on vigorous, prolific plants with good cover. Early maturing and wide adaptability. Fruit are firm, smooth, slow to check, and have mild pungency and good flavor.
5387	Mucho Nacho F1	69	Jumbo Jalapeño	Green / Red	4,500 - 6,000	PVY, TEV	A jumbo-sized hybrid Jalapeño pepper that produces thick-fleshed fruit that is typically hotter than a standard Jalapeño.
5305	Cinder F1	70	Jumbo Jalapeño	Very Dark Green / Red	6,000 - 8,000	PVY, Xcv 0-3, 7, 8	Produces jumbo fruit on vigorous, high yielding plants. Widely adapted. Fruit are smooth, very dark green and pungent.
5355	Jalafuego F1	70	Jalapeño	Very Dark Green	4,000 - 6,000	PVY 0,1,2 Xcv 1,2,3	Has a large vigorous plant with excellent yields of extra-large, smooth, fruit. Very hot, long, and well adapted.
5415	Tormenta F1	75	Jalapeño	Dark Green / Red	3,000 - 4,000	Xcv 1-3	Vigorous plant sets fruit consistently with a prolonged production. Fruit have thick walls and smooth skin. Has shown resistance to purpling (anthocyanin) and to cracking.

Assorted Hot Hybrids — Listed by Maturity**5407 Altiplano F1****5314 Crackle F1****5325 Desperado F1****5306 Charger F1**

	Variety	Relative Days	Type	Color	Scoville Rating	Resistance / Tolerance	Characteristics
5407	Altiplano F1	57	Serrano	Green / Red	5,000 - 30,000	--	Traditional serrano flavor and pungency. Widely adaptable and vigorous. Produces large (4½-5"), uniform, glossy green fruit.
5314	Crackle F1	60-70	Finger Hot	Dark Green	1,500 - 3,000	TMV	Fruit have a long cylindrical shape and good pungency for this type. Matures early, capable of multiple harvests and maintaining good size.
5325	Desperado F1	60 - 70	Finger Hot	Dark Green	1,500 - 3,000	TMV	A sturdy mid-size plant with good cover provides attractive, glossy fruit with thick walls. Mild and well suited for fresh and processing markets.
5306	Charger F1	75	Anaheim	Green / Deep Red	500 - 1,000	TMV	Flavorful with mild heat. Vigorous plant is erect and provides protective foliage.
5335	Holy Mole' F1	85	Pasilla	Green / Deep Chocolate	1,000 - 1,500	TMV	Used to make the famous mole' sauce. Flavor is nutty and tangy.
5310	Mad Hatter F1	60 - 85	Crown / Baccatum	Green / Red	50 - 1,000	—	Do you know why they call this pepper hatter? Flat-disc peppers are crunchy and crisp, delicate floral scent and rich flavor that intensifies/sweetens as it matures.
5365	Mariachi F1	85	Grande Chili	Cream / Red	500 - 600	TMV	Cone-shaped, and "medium hot". Excellent size, mild flavor, and high yields.

**5335 Holy Molé F1****5310 Mad Hatter F1****5365 Mariachi F1**

Peppers — Germination temperature: 70° F to 95° F Will not germinate below 55° F (prefer soil temperatures around 85° F). Peppers can be temperamental when it comes to setting fruit if temps are too hot or too cool. Night time temperatures below 60° F or above 75° F can reduce fruit set. Too much nitrogen in the fertilizer may promote lush vegetative growth but fewer fruit.

Assorted Hot Hybrids (continued) — Listed by Maturity



	Variety	Relative Days	Type	Color	Scoville Rating	Resistance / Tolerance	Characteristics
5291	Lambo F1	75	Anaheim	Green / Red	500 - 1,000	TSWV, Xcv	Excellent leaf cover on this high yielding pepper with thick walls.
5375	Mexibell F1	75	Bell	Green / Red	100 - 1,000	TMV	Has a pungent, mild chili flavor that is very fresh and the cook can control the degree of pungent flavor. Fruit are 3 to 4 lobed.
5389	Rio Tesoro F1	70	Caribe	Yellow / Red	3,000 - 5,000	—	Strong prolific plant produces an outstanding set of attractive, high quality fruit with broad shoulders, thick walls, & tapered blunt end.
5404	Sahuaro F1 (Big Chili II)	68	Anaheim	Green / Red	500 - 1,000	TMV	Large mild fruit produces on strong, sturdy, and upright plants with excellent sunburn protection.
5405	Sandoval F1	65	Serrano	Green / Red	4,500 - 5,000	TMV	Produces strong yields of high quality green peppers with great taste and appearance.
5349	Semi Hot Hungarian Blocky F1	65	Hungarian	Yellow / Red	1,800 - 2,400	—	Plants set very early and yield continuous pick of large, semi-hot, bluntly lobed fruit that taper to a broad pointed tip.
5408	Super Chili F1	75	Ornamental	Light Green / Orange / Red	35,000 - 40,000	—	Up to 300 peppers (2½") are borne upright on the semi-compact plant. Early and very productive.
5328	Time Bomb F1	65 - 70	Hot Cherry	Green / Red	1,000	TMV	Excellent lightly smoky flavor that is slightly hot. Great for pickling, processing and salsas.



Standard Peppers - Hot — Listed by Type / Maturity



Anaheim

	Variety	Relative Days	Color	Scoville Rating	Characteristics
5483	Joe E. Parker	70	Bright Green / Red	1,500 - 3,000	A great multi-purpose pepper. Very productive uniform fruits (6 - 8" x 2")
5450	Anaheim	75	Dark Green / Red	1,000 - 3,500	Hardy plant produces good yields of large, pungent, and thick walled fruit.
5482	Big Jim	80	Green / Red	500 - 2,500	Some of the largest chiles you can find. Huge, mild, and great for cooking.
5484	Pasilla Bajio	85	Dark-Green / Brown	100 - 250	Also called "Chile Negro." Fruit turn deep brown and slightly wrinkled when fully mature. Used for Mexican mole' (mo-lay) sauce.

Cayenne

5465	Cayenne Long Slim	70	Green / Red	30,000 - 50,000	Tall, bushy plants produce heavy yields of wrinkled fruit that are very hot and thin-walled.
5494	Cayenne Yellow	72	Green / Yellow / Red	1,000 - 1,500	6" fruit ripens to crimson and can be used in place of Jalapeño, Serrano or Habanero.
5469	Cayenne Red Large Thick	74	Green / Red	20,000 - 40,000	Fruit is larger, thicker, and generally not as hot as slimmer version.

Standard Peppers - Hot (continued) — Listed by Type / Maturity**5474 Fatalii Habanero****5461 Caribbean Red Habanero****5476 Orange Habanero****5473 Chocolate Habanero****Habanero**

	Variety	Relative Days	Color	Scoville Rating	Characteristics
5479	Firestarter Blend	87 - 95	Multi	300,000 - 445,000	Eye-catching blend of Red, Orange, and Yellow Habaneros.
5474	Fatalii Habanero	87	Green / Golden Orange	300,000	3" large golden fruit. Excellent hot, citrusy flavor.
5476	Orange Habanero	90	Green / Orange	200,000	2" blocky wrinkled lantern shaped fruit.
5477	Red Habanero	90	Green / Red	300,000	3" amazing, bright red fruit that is very hot.
5461	Caribbean Red Habanero	95	Green / Bright Red	445,000	2½" bright red and wrinkled. Incredibly hot with a rich smoky-citrus taste.
5473	Chocolate Habanero	105	Green / Brown	425,000 - 575,000	2½" attractive velvety brown fruit.

**5400 Lemon Spice Jalapeño****5401 Orange Spice Jalapeño****5402 Pumpkin Spice Jalapeño****5489 Jalapeño M****Jalapeño**

	Variety	Relative Days	Color	Scoville Rating	Characteristics
5472	Early Jalapeño	63	Green / Red	4,000 - 6,000+	Widely adapted, very popular, traditional fruit.
5400	Lemon Spice Jalapeño	65	Green / Yellow	4,000 - 6,000+	Bright yellow color with a fruitiness in its flavor.
5401	Orange Spice Jalapeño	65	Green / Deep Orange	4,000 - 6,000+	Deep orange - tangerine color and thick skin with a fruitiness in its flavor.
5402	Pumpkin Spice Jalapeño	65	Green / Light Orange	4,000 - 6,000+	Brilliant orange color with a fruitiness in its flavor.
5481	Jalapeño Sweet	70	Green / Red	1,000 or less	Less pungent version of the popular pepper.
5489	Jalapeño M	75	Green / Red	2,000 - 8,000+	Improved, thick walled version that does not need caging due to its erect and sturdy nature. 3-3½" by 1" fruit. Does well in the north.

**5309 Carolina Reaper****5488 Scotch Bonnet Jamaican Red****5406 Tabasco****5478 Golden Ghost F1****Chile**

	Variety	Relative Days	Color	Scoville Rating	Characteristics
5471	Ghost Pepper (Bhut Jolokia)	85	Green / Red	1,000,000 +	One of the world's hottest peppers. Needs very warm soil 85-90° and up to 35 days to germinate.
5309	Carolina Reaper	90	Green / Red	1,500,000 - 2,000,000	World's hottest chili according to Guinness World Records since August 2013. The original cross was between a ghost pepper and a red habanero.
5488	Scotch Bonnet Jamaican Red	90	Green / Red	100,000 - 200,000	Thin skinned with an interesting shape. Plants are compact and productive.
5487	Scotch Bonnet Jamaican Yellow	90	Green / Yellow	100,000 - 200,000	1 ¾" by 1 ½" yellow pepper with lots of hot flavor grow on compact plants.
5406	Tabasco	90	Green / Orange / Red	30,000 - 50,000	Makes the famous sauce, plant grows to about 4' tall. Needs a warm summer or grow in a pot.
5498	Trinidad Moruga Scorpion	90	Green / Orange	1,200,000 +	One of the hottest chiles on the planet! It is wrinkled, lantern-shaped, and the pointed end resembles a scorpion's stinger.
5478	Golden Ghost F1	95	Green / Yellow	800,000 - 900,000	Not as hot as a traditional Ghost. 2 ½ - 3 1/4" golden fruit grow on bush-type plant.
5363	Lemon Drop	100	Green / Bright Yellow	30,000 - 50,000	A.k.a. Lemon Chile. 2" fruits that smell like lemons when cut.

Standard Peppers - Hot *(continued)* — Listed by Type / Maturity



5491 Biquinho - Red
5492 Biquinho - Yellow



5493 Pepperoncini -
Golden Greek



5497 Thai Hot Culinary



5495 Serrano Tampiqueno

Assorted Hot

Variety	Relative Days	Type	Color	Scoville Rating	Characteristics
5491 Biquinho - Red	55 - 75	Piquillo	Green / Red	300 - 800	Cute little peppers with a smoky flavor, a tiny bit of heat, and a hint of fruitiness. 1" pods taper to a point, looking like an inverted teardrop.
5492 Biquinho - Yellow	"	"	Green / Yellow	"	
5493 Pepperoncini -Golden Greek	62	Pepperoncini	Light Green / Red	300 - 800	Produces slightly wrinkled, thin-walled fruit that are smaller and lighter in color than the regular Pepperoncini. Mildly hot.
5480 Hungarian Wax (Hot)	65	Hot Banana	Green / Yellow	750 - 3,000	Early and productive with medium thick walls.
5497 Thai Hot Culinary	70	Ornamental	Green / Red	35,000 - 40,000	Ornamental and edible. Small plants look beautiful in borders and containers.
5485 Poblano / Ancho	75	Poblano / Ancho	Green / Red	800 - 2,500	Fruit are 4-5" long and are great for stuffing, drying, and making sauce.
5490 Red Cherry Large	75	Cherry	Green / Red	3,000 - 3,500	Globe shape, slightly pointed. Great for pickling.
5495 Serrano Tampiqueno	75	Serrano	Green / Red	2,500 - 4,000	Fruit are short and thin walled. Tall plants continually produce good yields.

Planning to try ULTRA hot chiles (like Ghost Pepper, Carolina Reaper or Trinidad Scorpion)? Remember:

- Soak Seed overnight before planting.
- Keep at 85 - 90°F in a 70 - 90% relative humidity.
- Sprouts can be seen in 10 - 15 days but may take as many as 30.
- NOT recommended for the novice grower. (Plants grow very slowly).
- General rule: Water plants when soil has dried (constantly moist soil can be harmful).

PUMPKIN

Orange Giant — Listed by Maturity



3347 Growers Giant F1



3229 Big Moose



3303 Atlantic Giant



3322 Big Max

Variety	Relative Days	Size (pounds)	Color / Shape	Plant Type	Resistance / Tolerance	Characteristics
3347 Growers Giant F1	100	50 - 200	Orange / Various	Vine	Strong PMR	Giant size with good color.
3229 Big Moose	110	50 - 125	Orange / Oblong	Large Vine	—	Great for your roadside stand. High yield potential.
3303 Atlantic Giant	120	50 - 600	Orange / Various	Large Vine	—	EXHIBITION PUMPKIN – Flesh can be used for pies.
3322 Big Max	120	100+	Bright Orange / Various	Vine	—	A classic giant with thick skin and fine grained flesh.
3288 Monster Smash F1	120	40 - 150	Reddish Orange / Slightly Flattened	Large Vine	—	Stunningly gorgeous reddish-orange "MONSTER".
3224 Prizewinner F1	120	50+	Orange / Round	Large Vine	—	True pumpkin color and shape with "GLOSSY" skin.
3377 Show Winner	120	200 - 400	Various / Round	Large Vine	—	Huge fruit in a rainbow of novelty colors.
3297 World Of Color	120	60 - 100	Various / Round	Large Vine	—	Blue, pink, white, peach, and dark red/orange.



3288 Monster Smash F1



3224 Prizewinner F1



3377 Show Winner



3297 World of Color

Orange Extra Large (approximately 45 pounds and up) — Listed by Maturity**3301 Apogee F1****3245 Denali F1****3206 Checkmate F1****3255 Howden Biggie F1**

	Variety	Relative Days	Size (pounds)	Color / Shape	Plant Type	Resistance / Tolerance	Characteristics
3301	Apogee F1	95	40 - 60	Medium Orange Round / Tall	Vine	Intermediate PMR	Proven performer. Yields beautiful profitable fruit with fine color, handles, and unique rough texture.
3245	Denali F1	95	40 - 60	Dark Orange / Round to slightly tall	Large Vine	Intermediate PMR	Extremely high yielding. Amazing productivity, great color, handles, and well-defined ribbing.
3206	Checkmate F1	95	40 - 60	Dark Orange / Round	Vine	—	Extra large fruit with extra large handles. Good yield potential. Great ribbing.
3379	Mammoth Gold	110	40 - 60	Golden Orange / Flattenec Round	Vine	—	Thick flesh with smooth surface is great for carving. Can grow very large if desired.
3255	Howden Biggie F1	115	40+	Dark Orange / True pumpkin shape	Large Vine	—	Flesh is thick helping to maintain shape. Stem is dark and strong. Consistent shape in multiple sizes averaging about 40lbs.
3240	Conestoga Special	120	40+	Orange / Round	Vine	—	Nice thick handle. Good yield potential. Larger than Contestoga Giant.
3380	Phat Jack	125	50+	Round / Tall	Vine	—	Extraordinarily thick handles on top of a "PHAT" pumpkin.

**3240 Conestoga Special****3380 Phat Jack**

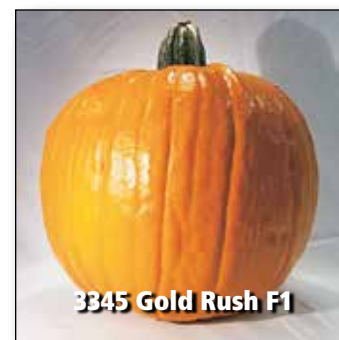
The word "pumpkin" comes from the Greek word, "pepon", which means "large melon".
Pumpkin is also squash; a member of the Curcubita family.

Orange Large (approximately 25 to 45 pounds)— Listed by Maturity**3281 Summit F1****3242 Dynasty F1****3264 Early Giant F1****3378 El Toro F1**

	Variety	Relative Days	Size (pounds)	Color / Shape	Plant Type	Disease Reaction	Characteristics
3281	Summit F1	90	30 - 40	Deep Orange / Good ribbing	Semi-Bush	Strong PMR	Handles stand- out for size, durability and black color. Excellent yield potential.
3242	Dynasty F1	95	30 - 50	Dark Orange / Round	Semi-Bush	Strong PMR	Great size, color, and handles on an extremely productive semi-bush plant.
3264	Early Giant F1	95	25 - 40+	Dark Orange / Tall	Full Vine	Intermediate PMR	This large, tall pumpkin matures early and has excellent orange color.
3378	El Toro F1	95	25 - 35	Dark Orange / Round to slightly tall	Vine	Intermediate PMR	Very uniform with deep ribbing, tall blocky shape, and large dark green embedded handle. Good yield potential.



	Variety	Relative Days	Size (pounds)	Color / Shape	Plant Type	Resistance / Tolerance	Characteristics
3243	Gemini F1	95	30 - 40	Dark Orange / Round	Semi-Bush	Strong PMR	Early with great yields. Excellent size, shape, color, and handles.
3276	Orion F1	95	30 - 50	Dark Orange / Upright Round (Barrel)	Large Vine	Intermediate PMR	Large, dark orange fruit, with good ribbing, good color, and large handle. Many fruit are upright; barrel shaped
3131	Big Deal F1	100	25 - 30	Dark Orange / Blocky	Vine	Intermediate PMR	Large, well attached, dark green handles top this very attractive, medium ribbed fruit.
3376	Big Doris F1	100	30 - 35	Dark Orange / Round	Vine	—	Sets nice yields of uniform fruit with thick, dark green handles and a burnt orange color.
3104	Big Loretta F1	100	30 - 45	Dark Orange / Tall	Vine	Intermediate PMR	Can get very big, with large strong handles. Matures early for its class. Uniform in shape. Does not like crowding or soil that stays wet.
3254	Conquest F1	100	30 - 50	Dark Orange / Round	Large Vine	Intermediate PMR	Extraordinarily large handles are amazing and on a beautiful well ribbed fruit with good yield potential.
3221	Everest F1	100	35 - 45	Dark Orange / Round	Semi-Bush	Strong PMR	Large fruit with good ribbing and good handles. Compared to Summit, Everest is darker, larger, and slightly taller.
3383	Hulk F1	100	27 - 32	Dark Orange / Barrel Shape	Vine	—	Barrel-shaped and uniform with a large dark embedded handle and nice fruit set.
3237	Captain Jack F1	105	30 - 35	Orange / Barrel Shape	Large Vine	Intermediate PMR	All the characteristics of PHAT JACK with very strong handles.
3260	Large Marge F1	105	30 - 40	Dark Orange / Round	Large Vine	—	Large pumpkin has beautiful dark color and traditional blocky round shape and large embedded handle to match the fruit size. Can set multiple fruits per plant and maintain size.
3345	Gold Rush F1	120	20 - 35	Deep Orange / Round	Large Vine	—	4" long handles – 3" attachment with thick walls with moderate ribbing, good for carving.



Orange Medium (approximately 12 to 25 pounds) — Listed by Maturity**3238 Early King F1****3359 Early Prince F1****3279 Prudence F1****3108 Skidoo Gold F1**

	Variety	Relative Days	Size (pounds)	Color / Shape	Plant Type	Resistance / Tolerance	Characteristics
3238	Early King F1	90	22 - 28	Deep Orange / Round to slightly tall	Full Vine	Intermediate PMR	Nice size with early maturity, good color, and great handles.
3359	Early Prince F1	90	13 - 15	Orange / Round	Vine	Intermediate PMR	Great size and color with a dark, well attached, handle.
3279	Prudence F1	90	20 - 25	Deep Orange / Good Ribbing	Semi-Bush	Strong PMR	Smaller version of Summit with large, thick handles.
3108	Skidoo Gold F1	90	12 - 15	Deep Orange / Blocky	Restricted Vine	Intermediate PMR	Color and uniformity is improved over comparable varieties and is heavily ribbed.
3248	Benchmark F1	95	17 - 22	Dark Orange / Round	Semi-Bush	Strong PMR	Produces distinctive, extraordinarily large handles that are amazing on a beautiful well ribbed fruit.
3125	Eros F1	95	15 - 24	Very Dark Orange / Round	Full Vine	Intermediate PMR	Excellent for shipping, this variety has reliable, thick, dark green handles that are sturdy. Distinct ribbing and beautiful shade of orange
3341	Gold Medal F1	95	22 - 28	Deep Orange / Round	Vine	—	Great classic pumpkin. Nice long handle.
3204	Capital F1	95	15 - 18	Very Dark Orange / Round	Semi-Bush	Strong PMR	Beautiful uniform pumpkin with narrow ribs and excellent long handles.
3360	Hawk F1	95	17 - 20	Dark Orange / Oval	Semi-Bush	Intermediate PMR	Attractive with nice color, texture, medium ribbing, and dark well rooted handle. Excellent yielder.
3244	Pegasus F1	95	20 - 25	Dark Orange / Round	Semi-Bush	Strong PMR	Extraordinary yields, dark color, good ribbing and handles.
3232	Renegade F1	95	14 - 18	Rich Orange / Round	Medium Vine	Intermediate PMR	The jig is up, the news is out we've found a striking thick-walled fruit with a strong handle and consistently high marketable yields.
3302	State Fair F1	95	17 - 22	Dark Orange / Round	Semi-Bush	Intermediate PMR	Slightly darker orange than Benchmark F1. Produces distinctive, extra large handles which are amazing on an beautiful well ribbed fruit. High yielding.
3107	Bayhorse Gold F1	100	15 - 20	Very Dark Orange / Round	Vine	Intermediate PMR	Uniform fruit has a great dark orange color with dark handles. Roadside or wholesale compatible.

**3248 Benchmark F1****3125 Eros F1****3341 Gold Medal F1****3204 Capital F1****3360 Hawk F1****3232 Renegade F1****3302 State Fair F1****3107 Bayhorse Gold F1**

Orange Medium (approximately 12 to 25 pounds) — Listed by Maturity



3361 Edison F1



3250 Eureka F1



3124 Hannibal F1

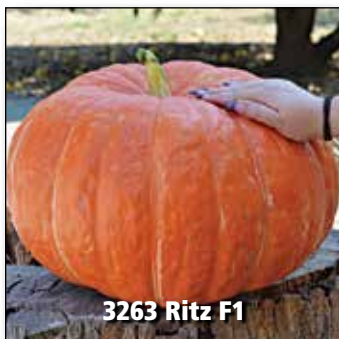


3123 Jason F1

	Variety	Relative Days	Size (pounds)	Color / Shape	Plant Type	Resistance / Tolerance	Characteristics
3361	Edison F1	100	14 - 18	Dark Orange / Round	Semi-Bush	Strong PMR	Excellent color and ribbing with large, thick, and black handles.
3250	Eureka F1	100	18 - 25	Very Dark Orange / Round	Semi-Bush	Strong PMR	Great color with excellent, unique ribbing and large, thick, black handles.
3124	Hannibal F1	100	18 - 22	Very Dark Orange / Blocky Round / Slightly Tall	Vine	Intermediate PMR	Uniform with medium ribbing. Dark, strongly attached medium-thick handles.
3123	Jason F1	100	20 - 24	Dark Orange / Slightly Tall	Full Vine	Intermediate PMR	Uniform and high yielding, slightly upright pumpkin with nice thick, dark handles that are firmly attached.
3103	Justify F1	100	20 - 25	Burnt Orange / Tall	Full Vine	Intermediate PMR	High yielding, upright pumpkin with nice strong handles.
3269	Mustang F1	100	22	Med. Orange / Slight Ribbing	Restricted Vine	Strong PMR	Long, dark-green sturdy handles make for easy picking. Very uniform and productive
3263	Ritz F1	100	14 - 20	Red - Orange / Slight Sutures	Semi-Bush	Strong PMR	A strong yielding round/oblate carving pumpkin with attractive red color, slight dimpling and minimal ribbing.
3323	Spartacus F1	100	18 - 22	Dark Orange / Blocky	Restricted Vine	Moderate PMR	Uniform with high yield potential. Medium deep ribbing and an extra large dark handle. Hard Shell and smooth skin good for painting 11x13"
3324	Spartan F1	100	20 - 25	Deep Burnt Orange / Round	Semi-Bush	Moderate PMR	An exciting variety with deep green, firmly attached handles. Has shown to maintain its large size under hot growing conditions.
3216	Superior F1	100	20 - 25	Very Dark Orange / Round	Semi-Bush	Strong PMR	Outstanding colored fruit with long, thick, black handles. Pronounced ribbing. Overall excellent appearance and PM resistance.
3326	Thor F1	100	20 - 25	Burnt Orange / Blocky Round	Vine	—	Large embedded handles. Uniform size and shape with good yield potential.
3274	Cracker Jack F1	105	20 - 25	Burnt Orange / Blocky Round	Large Vine	—	Vigorous restricted vines produce beautiful burnt orange fruit that are blocky round in shape and offer strong, dark embedded handles.
3382	Magnum F1	105	15 - 20	Dark Orange / Round / Tall	Semi-Bush	Strong PMR	Beautiful and distinctive with extraordinarily large handles, great color, shape, and ribbing.
3371	Secretariat F1	105	15	Dark Orange / Flattened Round	Medium Vine	Intermediate PMR	A large handled, dark orange pumpkin that is very productive producing multiple fruit per plant.
3234	Camaro F1	110	20 - 23	Vibrant Orange/ Round	Semi-Bush	Strong PMR	Highly prolific with excellent handles and uniformly round.



3103 Justify F1



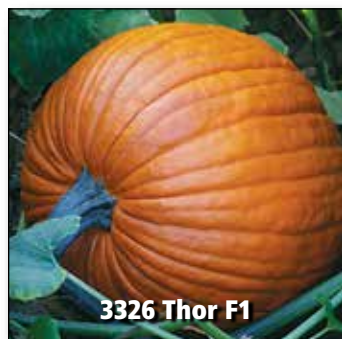
3263 Ritz F1



3324 Spartan F1



3216 Superior F1



3326 Thor F1



3382 Magnum F1



3371 Secretariat F1



3234 Camaro F1

Orange Medium (approximately 12 to 25 pounds) *(continued)* — Listed by Maturity**3235 Corvette F1****3349 Howden****3251 Thumpkin F1****3399 Wolf**

	Variety	Relative Days	Size (pounds)	Color / Shape	Plant Type	Resistance / Tolerance	Characteristics
3235	Corvette F1	110	12 - 15	Orange / Round	Semi-Bush	Strong PMR	Round pumpkins that are smooth with slight ribbing. The handle is very strong and well attached. Exhibits tolerance to ZYMV and WMV.
3362	Jack-O-lantern	110	10 - 18	Orange / Round	Vine	—	Nice shape. Excellent for carving and cooking.
3349	Howden	115	20 - 25	Orange / Round	Vine	—	Howden is a classic Jack-O-Lantern pumpkin developed in the 1970's.
3331	Connecticut Field	120	12 - 15	Orange / Round	Vine	—	The original Halloween Pumpkin. Good for pies.
3251	Thumpkin F1	120	15 - 25	Dark Orange / Flat	Vine	—	Attractive with a flattened profile with a large and tall sturdy stem.
3399	Wolf	120	15 - 25	Deep Orange / Round	Large Vine	—	Very large handled pumpkin. Flesh is deceptively thick and heavy.

Orange Small (approximately 2 to 12 pounds) — Listed by Maturity**3261 Neon F1****3387 Cinnamon Girl F1****3395 Flatso F1****3225 Packer F1**

	Variety	Relative Days	Size (pounds)	Color / Shape	Plant Type	Disease Reaction	Characteristics
3261	Neon F1	70	7 - 8	Med. Orange / Round	Semi-Bush	—	Nearly round, with heavy black handles. Precocious, colors early.
3222	Cougar F1	80 - 85	10 - 12	Orange / Round	Vine	Strong PMR	Very early with a great orange color and a sturdy, dark green handle.
3387	Cinnamon Girl F1	85	3 - 6	Dark Orange / Smooth	Restricted Vine	—	Dark orange color with strong handles is great for decorating, but it really shines when baked into a pie filling. Excellent eating quality!
3395	Flatso F1	85	6 - 8	Bright Orange / Flat Oval	Vine	—	Unique, very flat shape with moderate ribbing. Fruit is 9 - 10" in diameter and 5 - 6" in height. Thin dark handles have great attachment.
3225	Packer F1	85	7 - 10	Bright Orange / Smooth	Semi-Bush	Strong PMR	Unique bright orange color with very light ribbing (nearly smooth) and thick handles. Very compact plant and early maturing, and very high yielding.
3372	Pik-A-Pie F1	85	4 - 5	Dark Orange	Semi-Bush	—	Dark green, large handle. Uniform with excellent quality. Great for pies.
3209	Prankster F1	85	3	Dark Orange	Semi-Bush	Intermediate PMR	Great color, shape, and handles are highlights for this attractive pumpkin.
3122	Annabelle F1	90	3 - 4	Dark Orange / Round	Restricted Vine	Intermediate PMR	Thick, well-attached handle on a "pie-sized" pumpkin with a smooth shape. Exceptional yields.
3110	County Fair F1	90	4 - 5	Bright Orange / Round	Semi-Bush	Strong PMR	Great long, dark handles stand out on these nicely ribbed "pie-sized" fruit.
3253	Darling F1	90	6 - 8	Dark Orange / Smooth	Restricted Vine	Intermediate PMR	"A Small-Tall". This pumpkin is a standout shape for its size. Great color, uniformity, and handle.
3290	Early Abundance F1	90	4 - 6	Dark Orange / Round	Full Vine	Intermediate PMR	Very uniform size, nice color and attractive proportional handles.

**3209 Prankster F1****3122 Annabelle F1****3110 County Fair F1****3290 Early Abundance F1**



3273 Orange Smoothie F1



3109 First Grade F1



3114 Itty Bitty F1



3226 Rockafellow F1

	Variety	Relative Days	Size (pounds)	Color / Shape	Plant Type	Resistance / Tolerance	Characteristics
3257	Iron Man F1	90	3 - 4	Dark Orange	Full Vine	Intermediate PMR	Very hard shell great for painting and stores well for months.
3273	Orange Smoothie F1	90	5 - 8	Dark Orange	Restricted Vine	—	Smooth with long handle. Great for carving, painting, decorating & baking.
3381	Spookie	90 - 100	6 - 10	Red Orange	Full Vine	—	Hard rind with a smooth, fine texture. Sweet, thick flesh excellent for eating.
3109	First Grade F1	95	3 - 5	Bright Orange	Semi-Bush	Strong PMR	"Pie-size" pumpkin that is nicely ribbed with long, dark, twisting handles.
3114	Itty Bitty F1	95	2	Orange / Round	Semi-Bush	Strong PMR	Round fruit has nice ribbing and a strong handle. Very prolific. Averages 4" wide by 5" tall.
3226	Rockafellow F1	95	2½ - 3	Dark Orange / Slightly tall	Semi-Bush	Intermediate PMR	Unique elongated oval shape. Hard and smooth making it perfect for painting and decorating. Great for kids.
3388	Touch of Autumn F1	95	2 - 4	Deep Orange	Semi-Bush	Intermediate PMR	Long handles with good attachment. Heavy yielder.
3218	Trophy F1	95	4 - 6	Dark Orange	Semi-Bush	Strong PMR	Fruit has great color, size, narrow ribbing, and thick black handles.
3316	Baby Pam	100	2 - 4	Dark Orange	Vigorous Vine	—	Very uniform with smooth tough skin and securely attached long handles.
3348	Hobbit F1	100	12	Med. Orange / Round	Semi-Vine	Intermediate PMR	Slightly elongated "Jack-O-lantern" type fruit — A space saver.
3219	Hijinks F1	100	7 - 9	Deep Orange / Med. Deep Ribs	Vine	—	Uniform blocky shape with square shoulders. Has long and dark handles. Great child-size pumpkin.
3236	Jack Sprat F1	100	3	Dark Orange / Shallow Ribs	Semi-Vine	Intermediate PMR	Uniform size and blocky-round shape with dark green embedded handle. Excellent yield potential.
3373	Progress F1	100	7 - 10	Very Dark Orange	Semi-Bush	Strong PMR	Excellent long twisting black handle. Beautiful fruit with narrow ribbing.
3375	Small Sugar New England	100	5 - 8	Bright Orange	Full Vine	—	Old fashioned "pie pumpkin" with superb flavor.
3205	Fall Splendor F1	105	4 - 6	Dark Orange	Restricted Vine	Strong PMR	Very uniform 6½ x 8" blocky/round shape and 4½" dark green handles.
3208	Field Trip F1	105	5 - 7	Deep Orange	Semi-Vine	Intermediate PMR	An ideal size for school children to carry. Well rooted handles.
3207	Naked Bear F1	105	2 - 4	Bright Orange / Slightly Flat	Vine	Intermediate PMR	Very high yielding large handled pumpkin with naked (edible) seeds. Used for the boxed pie pumpkin or edible seed pack market.
3314	Cannonball F1	110	5	Dark Orange / Medium Ribs	Full Vine	Intermediate PMR	Round and smooth with a heavy handle for its size. Vigorous plant yields well.



3388 Touch of Autumn F1



3218 Trophy F1



3219 Hijinks F1



3236 Jack Sprat F1



3373 Progress F1



3208 Field Trip F1



3207 Naked Bear F1



3314 Cannonball F1

Orange Miniature (approximately ¼ to 2 pounds)— Listed by Maturity**3241 Half Pint F1****3277 Orangita F1****3267 Kandy Korn Plus F1****3398 Wee-B-Little**

	Variety	Relative Days	Size (pounds)	Color / Shape	Plant Type	Resistance / Tolerance	Characteristics
3334	Mini Pumpkin Mix F1	77 - 90	½ - 1½	Various / Ribbed	Semi-Bush & Reduced Vine	Intermediate PMR	A nice mixture of four great mini pumpkins, including orange, white, dark green/black, and striped.
3241	Half Pint F1	80	1 - 2	Orange / Round	Semi-Bush	Intermediate PMR	Nearly perfect little pumpkin with heavy yields, concentrated set, and excellent uniformity.
3277	Orangita F1	80	1 - 1½	Orange / Ribbed	Semi-Bush	Intermediate PMR	Nice deep ribbing and color. Flesh is flavorful with acorn flavor.
3321	Bumpkin F1	85	½	Dark Orange	Semi-Bush	Intermediate PMR	Fruit is 2 - 3" with slight ribbing and strong, dark green handles.
3267	Kandy Korn Plus F1	85	1	Bright Orange / Round	Semi-Bush	Intermediate PMR	Classic pumpkin look but in a miniature size and PM resistant.
3398	Wee-B-Little	85	½ - 1	Deep Orange / Round	Restricted Vine	—	True miniature pumpkin with great size and smooth skin.
3227	Treasure F1	90	1	Dark Orange / Flattened	Vine	Strong PMR	Excellent, rock hard, thick, black handles. Very early maturing. Fruit are flattened and deeply ribbed.
3215	Gold Dust F1	95	5 - 6 oz.	Med. Dark Orange	Semi-Bush	Intermediate PMR	2" x 3" fruit set close to the crown. High yielder.
3353	Jack-Be-Little	95	¼	Med. Orange / Ribbed	Vine	—	True miniature pumpkin that you can hold in your hand.
3356	Jack-Be-Quik	95	¼	Dark Orange / Ribbed	Vine	—	A more ribbed and slightly taller selection than Jack-Be-Little.
3210	Baby Bear F1	100	1½ - 2	Bright Orange / Ribbed	Short Vine	—	Ribbed with a 3" handle. Productive — up to 10 fruit per vine.
3385	Jill-B-Little	100	½	Orange / Ribbed	Vine	Intermediate PMR	Very uniform fruit have darker skin color and beautiful deep sutures.

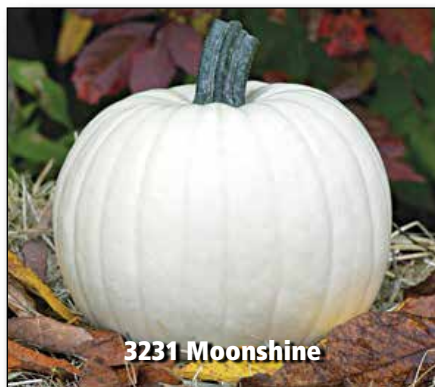
**3215 Gold Dust F1****3353 Jack-Be-Little F1****3356 Jack-Be-Quik****3385 Jill-Be-Little****White Small and Miniature** (approximately 1/4 to 2 pounds) — Listed by Maturity**3213 Casperita F1****3230 Snowball F1****3105 Snowdrop F1****3102 Icicle F1**

	Variety	Relative Days	Size (pounds)	Color	Plant Type	Resistance / Tolerance	Characteristics
3213	Casperita F1	77	½ - 1	White	Semi-Bush	Intermediate PMR	Classic shape with deep ribbing. Maintains white color well.
3313	Baby Boo	90	¼	White	Vine	—	Pure white Jack-Be-Little type.
3230	Snowball F1	90	1 - 2	Bright White	Vine	Intermediate PMR	Round, with smooth skin, dark green stem, and good color retention.
3105	Snowdrop F1	90	½ - 1	Bright White	Vine	Strong PMR	Stunning mini pumpkin. Holds color well and has prolific yields.
3335	Gooligan F1	95	¼ - ½	White	Vine	—	Baby Boo type but bigger. Good ribbing, excellent yields and flavor.
3102	Icicle F1	105	1½ - 2	White	Semi-Bush	Intermediate PMR	White pie pumpkin that holds well. Great small size for many uses.

White Medium (approximately 2 to 12 pounds) — Listed by Maturity



	Variety	Relative Days	Size (pounds)	Color	Plant Type	Resistance / Tolerance	Characteristics
3128	Avalanche F1	95	5 - 7	Bright White	Bush	Intermediate PMR	Prolific yields on a bush habit, makes a good companion for Sunlight and Hot Chocolate.
3304	Blanco F1	100	4 - 6	Bright White	Medium Vine	Intermediate PMR	Nice shape w/ medium ribbing and long handle. Resists color change.
3342	Honey Moon F1	100	9 - 11	White	Reduced Vine	—	Shiny white fruit are very uniform and offer a nice strong green stem.
3344	Moon Beam F1	100	7 - 8	White	Reduced Vine	—	Provides strong green stems atop attractive shiny white pumpkins.
3332	Cotton Candy	110	5 - 12	White	Vine	—	White pumpkin with good handles. Harvest and store in the dark to maintain best white color. Has white flesh.
3231	Moonshine	110	8 - 12	White	Vine	—	High quality fruit feature uniform shape, slight ribbing, excellent color, and dark handles that are strong.



The first pumpkin pies differed a lot from modern pies. Early pumpkin pies were hollowed-out pumpkins baked whole. Cooks filled them with milk, honey, apples, and an assortment of spices.

White Large (approximately 12 to 20 pounds) — Listed by Maturity - *more on next page*



	Variety	Relative Days	Size (pounds)	Color	Plant Type	Resistance / Tolerance	Characteristics
3325	Casper	90	10 - 15	White	Vine	—	Globe shaped with good quality orange flesh. Holds white color well.
3365	Lumina	90	12 - 20	White	Full Vine	—	Smooth surface for fall decorative painting. Various shapes.
3352	Moon Whisper F1	90	7 - 30 (14 avg.)	White	Vine	Strong PMR	Beautiful 7 x 11" fruit are flat, lobed, and it holds white color well. Extremely high yielding and great for stacking.
3214	Tandy F1	90	10 - 15	Off White	Medium Vine	Intermediate PMR	Beautiful color with a strong, medium dark green handle. Edible.
3308	Flat Stacker F1	90 - 95	15 - 20	White	Semi-Bush	Intermediate PMR	Unusual flat white pumpkin that is ideal for stacking and eating. Shows resistance to CMV, PMR, PRSV, and ZYMV.
3351	Moon Light F1	95	12 - 25 (18 avg.)	White	Vine	Strong PMR	Very flat, 6 x 14" lobed fruit are excellent for stacking. Excellent paper white color holds well. Excellent yield potential.

White Large (continued) (approximately 12 to 20 pounds) — Listed by Maturity**3200 Stella Luna F1****3247 Silver Moon F1****3262 White Flat Boer**

	Variety	Relative Days	Size (pounds)	Color	Plant Type	Resistance / Tolerance	Characteristics
3200	Stella Luna F1	95	12 - 15	White	Full Vine	Intermediate PMR	Very attractive and round with slight ribbing. Heavy yielding.
3247	Silver Moon F1	95 - 100	10 - 15	Very Pale Blue	Vine	Intermediate PMR	Pale blue w/ silvery white striping and speckling. Uniform in size and oblate shape with dark orange colored flesh. PM & ZYMV resistant.
3130	Abominable F1	110	15 - 20	White	Vine	Intermediate PMR	Strong, dark handles on a beautiful white pumpkin that has good color retention.
3127	White Lightning	110	12 - 16	White	Vine	—	Sturdy, heavy handle and attractive slight ribbing. For best white color, we recommend harvesting the same way Moonshine is harvested, with prompt harvest at time of maturity.
3262	White Flat Boer	120	15 - 17	Creamy White	Vine	Strong PMR	Attractive flat pumpkin with slight ribs. Thick orange flesh is very tasty. Vines provide good cover for fruit.

**3130 Abominable F1****3127 White Lightning F1**

Pumpkin seeds taste great roasted and contain medicinal properties.

The yellow-orange flowers that bloom on the pumpkin vine are also edible.

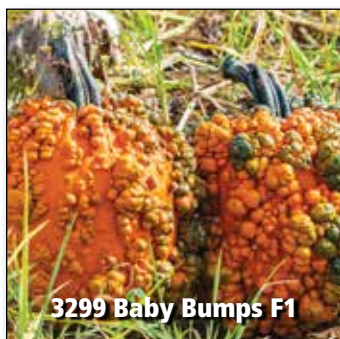
White Extra Large (approximately 20 pounds and up) — Listed by Maturity**3270 Crystal Star F1****3295 Super Moon F1****3298 Polar Bear F1****3369 White Knight F1**

	Variety	Relative Days	Size (pounds)	Color	Plant Type	Resistance / Tolerance	Characteristics
3268	New Moon F1	80 - 90	35 - 75	Bright White	Full Vine	—	Uniform fruit with white rind and flesh.
3270	Crystal Star F1	100	25 - 35	True White	Medium Vine	—	Provides nice white color that does not yellow or blue at maturity.
3295	Super Moon F1	100	25 - 50	Clean White	Vine	Intermediate PMR	Plants are hardy and vigorous. Dense yellow flesh is great for roasting or soups.
3298	Polar Bear F1	105	30 - 40	True White	Full Vine	—	Exquisite white skin retains its color after maturity in the field and after harvest. Very attractive with great size.
3212	Full Moon	110	25 - 30 Avg	White	Vine	—	Depending on weather, could reach up to 60-75 lbs. Smooth rind.
3369	White Knight F1	115	20 - 30	White	Semi-Bush	—	Hybrid version of Flat White Boer, with a bush habit, higher yields, whiter color, increased fruit size and uniformity. Heavy ribbing.

Warted



3223 Toad F1



3299 Baby Bumps F1



3249 Sanchez F1



3300 Grizzly Bear F1

	Variety	Relative Days	Size (pounds)	Color	Plant Type	Resistance / Tolerance	Characteristics
3223	Toad F1	85	1 ½ - 2 ½	Orange	Bush	—	Bush-type. Tear-drop-shaped w/ embedded handles & bumps/warts.
3299	Baby Bumps F1	95	2 - 3	Orange	Vine	Intermediate PMR	Small uniform fruit provide great warting, and high yields. Warts are very hard and hold well.
3249	Sanchez F1	95	5 - 6	Golden Orange	Vine	—	One of a kind. Produces squatty fruit that are covered in warts.
3300	Grizzly Bear F1	95	5 - 8	Light Brown	Vine	Intermediate PMR	Cool color separates this warty pumpkin from the rest. Unique light brown coloring will stand out among the rest of the warty varieties.
3311	Musquee de Maroc	90 - 100	5 - 10	Terra Cotta to Buff	Full Vine	—	Attractive warted fruit produces a mixture of shapes, but most are round to bell-shaped.
3394	Warts Galore F1	95	7 - 12	Multicolored	Semi-Bush	Strong PMR	Many colored, hard shell variety with excellent rock-hard handles.
3113	Corn Cob F1	95	8 - 10	Bright Caramel	Semi-Bush	Intermediate PMR	Unique color and very hard warts make this a stand out variety.
3217	Goosebumps II F1	95	8 - 12	Deep Orange	Vine	—	Round w/ "super freaky" warts. Creepiness makes it an eerie favorite.
3389	Warts Plethora F1	95	10 - 15	Pink	Vine	Strong PMR	Hybrid "Peanut" w/ superior quality, uniformity & disease resistance.
3101	Specter F1	95	10 - 15	White / Cream	Semi-Bush	Intermediate PMR	Semi-hard shell is lightly warted. Easy to carry handle and uniform shape make this an appealing variety.
3339	Bad Jelly F1	95	12 - 16	Yellow	Vine	Intermediate PMR	Unique, eye-catching fruit are light buffy banana-colored with puckered stem end and distinctive warts. Stores well. Bigger and lighter colored companion to Grizzly Bear. Named for a witch in a New Zealand children's book.
3126	Homestyle F1	95	15 - 18	Pale Buttery Yellow	Vine	Intermediate PMR	Pop out of the crowd with this buttered popcorn pumpkin with warts.



3311 Musquee de Maroc



3394 Warts Galore F1



3113 Corn Cob F1



3217 Goosebumps F1



3389 Warts Plethora F1



3101 Specter F1



3339 Bad Jelly F1



3126 Homestyle F1

Specialty, Warts And Just Plain Weird (continued) — Listed by Weight Smallest to Largest**Warted (continued)****3287 Scarface F1****3330 Warty Sunset F1****3202 Bunch O' Warts F1****3397 Funnel Cake F1**

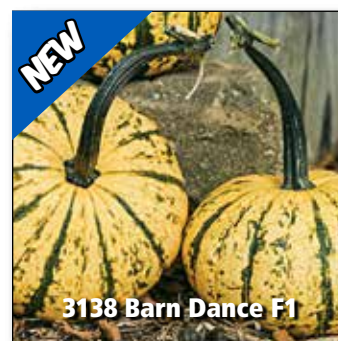
	Variety	Relative Days	Size (pounds)	Color	Plant Type	Resistance / Tolerance	Characteristics
3287	Scarface F1	105	15 - 19	Orange	Vine	—	Great sized warty pumpkin with a nice round, upright shape. Warts are very hard, will handle shipping better than other warted varieties.
3330	Warty Sunset F1	95	21 - 26	Bright Red with Charcoal or Salmon Stripes	Vine	Strong PMR	Offers a warty, rough texture with varying amounts of striping. Avg. 12" in diameter with many fruit slightly tapered at stem end.
3202	Bunch O' Warts F1	90	20 - 30	Dark Orange	Semi-Bush	Intermediate PMR	Standard pumpkin that is easily carved with great color and handles.
3397	Funnel Cake F1	95	29	Light Blue / Pink	Large Vine	Strong PMR	Large flat stacking pumpkin that is uniquely colored. Many fruit have peanut type warts.

Striped**3283 Spark F1****3133 Phantomita F1****3285 Flame F1****3338 Hooligan F1**

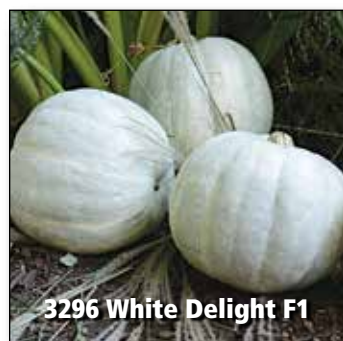
	Variety	Relative Days	Size (pounds)	Color	Plant Type	Resistance / Tolerance	Characteristics
3283	Spark F1	90	½	Yellow & Deep Orange	Vine	Intermediate PMR	Very vigorous plants offer top yields of attractive 3.5 x 2.0" fruit.
3133	Phantomita F1	77-80	½ - 1	Yellow & Green	Compact Vine	—	Very productive of unique fruit that sets from the crown, similar to summer squash. Can be grown in a container. Beautiful in a display and delicious when eaten.
3285	Flame F1	90	1	Yellow w/ Deep Orange Stripes	Reduced Vine	Intermediate PMR	An interesting ornamental that also has a high quality winter squash flavor. Vigorous, highly productive plants produce 3" x 4.5" fruit.
3338	Hooligan F1	90	1	White, Green & Orange	Compact Vine	—	2-4" with mottled colors. Deeply ribbed, strongly attached stems.
3115	Orange Peel F1	95	1	Yellow/Cream & Orange Striped	Semi-Bush	Strong PMR	Averages 4" by 3" this flattened fruit has nice striping and flecking. Very prolific. Resembles a peeled orange.
3100	Ruffian F1	95	1 - 1 ½	Green and White / Tan Stripes	Semi-Bush	—	An edible bi-colored, white and green striped mini pumpkin that would make a wonderful addition to any decorative display.
3293	Lil' Pump-Ke-Mon F1	100	1 - 2	White / Green / Orange Stripes	Semi-Vine	—	Mini-pumpkin, flattened shape and slight ribbing emphasizing stripes. Pick at varying maturity for a range of colors.
3121	Orange Cutie F1	95	1 ½ - 3	Orange with Yellow stripes	Semi-Bush	Intermediate PMR	Very high yielding. Mini buttercup for decoration and culinary use. Would look great alongside Orange Peel F1 and other mini pumpkins.

**3115 Orange Peel F1****3100 Ruffian F1****3293 Lil' Pump-Ke-Mon F1****3121 Orange Cutie F1**

Striped (continued)



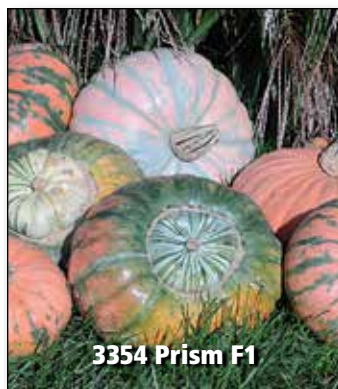
	Variety	Relative Days	Size (pounds)	Color	Plant Type	Resistance / Tolerance	Characteristics
3141	Sunrise F1	77 - 80	2	Orange Striped / Speckled	Compact Vine	—	Features deep ribbing and beautiful coloring. Short vines can be grown in containers. Very productive, avg. 12+ fruits per plant.
3129	Madonna F1	95	2 - 3	Brilliant Red / Striped	Restricted Vine	Intermediate PMR	Very productive variety, 5-7 fruit per plant in ideal conditions. Both edible and ornamental with a sweet, bright orange flesh. Stores well.
3284	Blaze F1	100	3	Yellow with Deep Orange Stripes	Reduced Vine	Strong PMR	Nice dark green handles are strongly attached to the 7" x 3" flat, round shaped fruit. Vigorous plants are highly productive.
3138	Barn Dance F1	95	5	Cream w/ green to orange stripes	Semi-Bush	Strong PMR	Flattened fruit have green stripes and flecking that remain green for an extended period, eventually maturing to orange. Exceptional yields. Averages 7" x 5".
3390	Kakai	100	5 - 8	Orange w/ green-black stripes	Semi-Bush	—	Produces large, dark green, completely hull-less, and delicious seeds. Also looks great for decoration.
3120	Tiger Stripes F1	95	6 avg	White/Yellow Orange/Green Stripes	Semi-Bush	Strong PMR	Offers exceptional yield potential. Average fruit width is 8 inches. Average fruit height is 5 inches.
3366	Millionaire F1	95	7 - 12	White/Gold/Green Stripes	Semi-Bush	Strong PMR	Round fruit. Excellent rock hard handles and amazing eating quality.
3392	Tycoon F1	95	10 - 15	White / Green Stripe to Orange / Gold Stripe	Semi-Bush	Strong PMR	Unique pear-shaped fruit. White with green stripes, matures to orange with gold stripes. Has a large handle.
3296	White Delight F1	100	12 - 16	Pale Gray / Off White	Vine	Strong PMR	Unique fruit are a pale gray/off white with thin white stripes.
3136	Kettle Corn F1	100	14	Creamy w/ darker yellow stripes	Semi-Bush	Strong PMR	Most are covered with heavy warts and some have smaller warts or are smooth. Averages 9" x 9".
3289	One Too Many	110	20	White/Orange-Red Veins	Full Vine	—	Very decorative. Looks like a bloodshot eyeball.
3368	Newton F1	100	20 - 30	Pink	Vine	Strong PMR	Large and pink with shapes that vary from heart shaped to round to flattened. Fruit are furrowed, and some have white stripes.



Multicolored



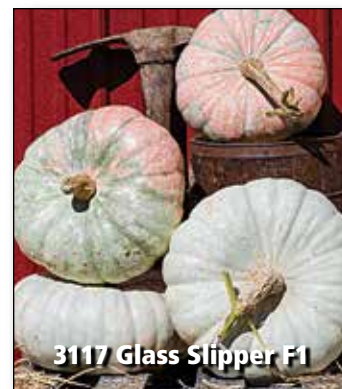
3318 Batwing Mix



3354 Prism F1



3305 Colorado Sunrise F1



3117 Glass Slipper F1

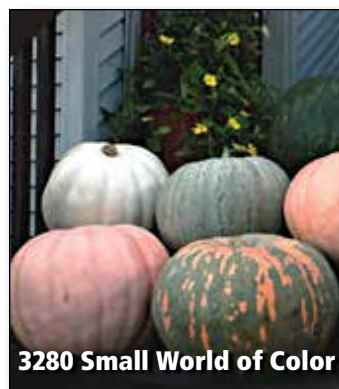
	Variety	Relative Days	Size (pounds)	Color	Type	Resistance / Tolerance	Characteristics
3318	Batwing Mix	90	½ - 1	Orange / Black Multi	Semi-Bush	—	Strong stems – amazing color, orange atop black.
3354	Prism F1	95	3 -16 (6 avg)	Pink / Gray Grayish-Blue / Salmon	Vine	Strong PMR	Large (8 x 5") buttercup type fruit has very sweet nutty dark orange flesh, exceptional eating quality and yield potential. Approximately half of fruit have a cap and half have a smaller button.
3305	Colorado Sunrise F1	100	8 - 12	Red / Pink & Blue / Green	Vine	—	Awesome color combination! Extremely flat with nice ribbing.
3117	Glass Slipper F1	100	15 - 18	White / blushes of Orange / Pink / Blue	Vine	Strong PMR	Produces a variety of large, flat, and ribbed multicolor fruit with a uniquely muted blush of colors.
3364	Rembrandt F1	100	15 - 20	Pink & Blue	Full Vine	Strong PMR	Medium sized fruit have pink and blue stripes with splashes of light blue, green and gray. Some are pendant, some are round.
3336	Calico Belle F1	95	24	Varies / Multiple Colors	Vine	Strong PMR	Great for stacking, this large flat ribbed pumpkin comes in a wide variety of colors, patterns and textures.
3358	Daybreak F1	95	25 - 30	Pink, Salmon, Coral, Red	Vine	Strong PMR	Large, flat, lobed fruit offer a wonderful variation in color, shape, and size. Some fruit are more rounded and a beautiful red.
3280	Small World of Color	110	25 - 30	Multicolored	Vine	—	Beautiful mix of round fruit in white, pink, blue and multicolored.
3319	Lunar Blush F1	95	35 - 60 (48 avg)	Champagne / Pale Pink / Seafoam Green	Vine	Strong PMR	Large, multicolored, lobed fruit are perfect for the base of pumpkin stack. Avg. size 18"x8". Exceptionally heavy for their size.



3364 Rembrandt F1



3336 Calico Belle F1



3280 Small World of Color



3319 Lunar Blush F1

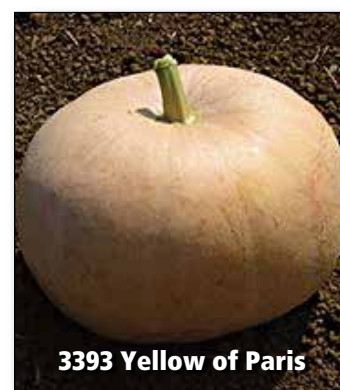


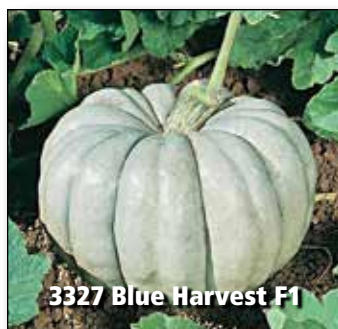
3358 Daybreak F1

Tan / Brown / Yellow



	Variety	Relative Days	Size (pounds)	Color	Plant Type	Resistance / Tolerance	Characteristics
3134	Yellow Jacket F1	90	¼ - ½	Yellow	Med Vine	Intermediate PMR	This cute miniature pumpkin has a very unique yellow color in its size category. Benefits from being sprayed every 7-10 days with insecticide.
3291	Autumn Crown F1	75	1 - 2	White/Beige	Vine	Intermediate PMR	Miniature "Long Island Cheese" type. Butternut taste with flat shape.
3286	Sunlight F1	100	5 - 8	Yellow	Semi-Bush	Intermediate PMR	True-Yellow pumpkin. Unique, stunning yellow color and contrasting dark green stem add variety. High yielding and uniform round fruit.
3357	Hot Chocolate F1	90 - 95	5 - 8	Light Brown	Vine	—	Similar to Grizzly Bear but with smooth skin. High Yielding fruit have a strong stem.
3294	Milestone F1	95	7 avg	Goldenrod / Sandy Brown	Semi-Bush	Strong PMR	Small, upright, hard shelled fruit stand well. Excellent large handles and golden color. Exceptional yield potential.
3370	Mellow Yellow F1	95 - 100	12 - 16	Bright Lemon Yellow	Vine	—	Early maturing fruit have great eye-catching color, nice ribbing, and a strong straight stem. Uniform in shape and size.
3337	Fairytale (Musquee de Provence)	110	15	Buckskin Tan	Vine	—	French heirloom stores well. Heavily scalloped with flat shape.
3309	Autumn Buckskin F1	110	12 - 18	Buff Colored	Vine	—	Ornamental and useful. Boasts high quality butternut-like flesh.
3106	Spicy Mocha F1	90 - 95	20	Chocolate	Vine	—	Large uniform chocolate colored variety with thick handles.
3393	Yellow of Paris	110	Up to 50	Yellow to Peach	Vine	—	Popular French variety. Shape is flattened and round.



Specialty, Warts And Just Plain Weird (continued) — Listed by Weight Smallest to Largest**Blue / Green****3367 Sugar Cup F1****3327 Blue Harvest F1****3317 Blue Prince F1****3272 Royal Blue F1**

	Variety	Relative Days	Size (pounds)	Color	Plant Type	Resistance / Tolerance	Characteristics
3367	Sugar Cup F1	100	5 - 11 (8 avg.)	Dark Jade Green / Grayish - Green	Vine	Strong PMR	Buttercup-type. Sweet orange flesh has exceptional eating quality. Very high yield potential. Some have buttercup type cap, others a smaller button.
3327	Blue Harvest F1	95	7 - 8	Blue	Vine	—	Jarrahdale-type hybrid that holds its color. Nice ribs.
3317	Blue Prince F1	110	9 - 10	Blue-Gray	Vine	—	Beautiful 12" fruit have smooth rounded sides. Popular color and very ornamental. Non-stringy, deep orange flesh has a tasty savory sweetness. Flattened Round shape.
3272	Royal Blue F1	100	14 avg.	Dark Blue / Blue-Green	Vine	Intermediate PMR	Smaller, darker, and more uniform Blue Delight. Flat, dark blue to green fruit are furrowed with a rough texture. Great for stacking.
3384	Misty Mountain F1	95	15 - 17	Dark to Medium Blue / Green	Vine	Strong PMR	Rough textured pumpkin that resembles a large hubbard. Some fruit have a lighter blue striping on a dark blue background.
3350	Blue Ice F1	95 - 100	15 - 20	Blue - Gray	Reduced Vine	—	Dense, Pale blue/gray fruit has smooth rind and slight suturing. Great eating quality that is very sweet. Will store very well.
3320	Lunar Shadow F1	95	19 - 26 (23 avg.)	Light Baby Blue/Green	Vine	Strong PMR	Medium-large 12" x 7" lobed fruit that are great for stacking. Some fruit have an interesting netting.
3233	Blue Doll F1	100	20 - 24	Blue - Gray	Full Vine	Intermediate PMR	Blue color with an almost square appearance and deep ribbing. Orange flesh is very sweet and can be used for baking / cooking.
3135	Foggy Morning F1	100	22	Varying Shades of Slate Blue	Vine	Strong PMR	Deeply ribbed with unique background mottling/veining. Most are darker slate blue, some lighter. Other fruit types may be observed. Averages 14" x 6".
3112	Blue Eyes F1	100	24 - 26	Medium Blue / Green	Vine	Strong PMR	Shiny and smooth texture with medium blue color on a nicely ribbed, flat stacking pumpkin. Averages 12" x 8".
3203	Blue Delight F1	100	25 - 30	Blue - Gray	Vine	Strong PMR	Fruit are flattened and furrowed. Delicious flesh is deep orange, sweet and dry. Some are smooth others have rough, bumpy texture.

**3384 Misty Mountain F1****3350 Blue Ice F1****3320 Lunar Shadow F1****3233 Blue Doll F1****3135 Foggy Morning F1****3112 Blue Eyes F1****3203 Blue Delight F1**

Pumpkins, Gourds and Winter Squash belong to the same family. For more novelty types please see pages 58 & 110.

Pink / Red

3310 Porcelain Princess F1

3315 Pink Hearts F1

3386 Shadow Moon F1

3137 Summer Sky F1

	Variety	Relative Days	Size (pounds)	Color	Plant Type	Resistance / Tolerance	Characteristics
3310	Porcelain Princess F1	100	7 - 10	Pink	Vine	Intermediate PMR	Beautiful pink pumpkin that is smaller than Porcelain Doll. Has medium to deep ribbing, and bright orange flesh. Good for ornamental or eating.
3315	Pink Hearts F1	100	14 avg	Pink	Vine	Strong PMR	A fun, medium sized, pink, heart-shaped pumpkin that is very beautiful and uniform. Average size is 11" x 8".
3328	Cinderella (Rouge Vif D'Etampes)	95	15 - 20	Crimson Red	Vine	—	Classically beautiful, with deep sutures and flat Fairytale type shape.
3386	Shadow Moon F1	100	16 - 18	Reddish	Full Vine	—	Excellent yielder of large, heavy fruit. High quality flesh is delicious.
3137	Summer Sky F1	100	19	Salmon	Vine	Strong PMR	Medium ribbing and lighter background flecking, with some fruit having a blue marbling. Other fruit types may be observed. Averages 12" x 5".
3211	Porcelain Doll F1	110	20 - 24	Pink	Full Vine	Strong DMR Intermediate PMR	Exotic pink pumpkin that is very eye-catching. Deep-orange flesh is sweet and excellent for cooking.
3258	Indian Doll F1	100	20 - 24	Deep Orange	Full Vine	Strong PMR Strong DMR	Deep-orange exterior has deep ribbing with an almost square appearance. Flesh is also deep-orange, sweet and flavorful.
3275	Rascal F1	100	20 - 25	Pink	Vine	Strong PMR	Very unique, eye-catching and different. Great color and deeply furrowed. Orange flesh has excellent eating quality.
3391	Cinderella's Carriage F1	100	20 - 35	Pinkish - Red	Full Vine	Intermediate PMR	Great color with flattened-round shape. Measures 15 to 18" across. High yielding. Yellow flesh has sweet nutty flavor.
3116	Prince Charming F1	100	24	Red	Vine	Strong PMR	Cinderella has found her Prince Charming with this high yielding variety. Beautiful red color. Averages 13" x 8" flattened shape.


3211 Porcelain Doll F1

3258 Indian Doll F1

3275 Rascal F1

3116 Prince Charming F1
Assorted

3306 Midnight (Black Kat) F1

3282 Dark Knight F1

3278 Mr. Fugly F1

	Variety	Relative Days	Size (pounds)	Color	Plant Type	Resistance / Tolerance	Characteristics
3306	Midnight (Black Kat) F1	77	½ - 1	Very Dark Green	Semi-Bush	Intermediate PMR	Great classic shape and is both ornamental and edible. Will start to turn orange after approximately 2 months of storage.
3282	Dark Knight F1	100	8 - 10	Dark Green/Black to Orange	Semi-Bush	Intermediate PMR	Will hold dark green/black color when harvested early. Attractive oval Shape with moderately deep ribbing. Excellent yielder.
3278	Mr. Fugly F1	100	15 - 20	Pale Orange	Full Vine	—	Deep ribbing with dimpled skin. Great for carving, cooking, or baking.



3452 Cherriette F1



3404 Cherry Belle



3440 Sparkler



3436 Gum Ball Mix

	Variety	Relative Days	Color	Shape	Characteristics
3452	Cherriette F1	23	Cherry Red	Globe	Uniform and slow to get pithy, this short top variety does well in warmer conditions than others. Used in spring and fall for most areas.
3404	Cherry Belle	24	Bright Red	Globe	Crisp, solid flesh. Especially good for forcing under glass.
3416	Early Scarlet Globe	24	Bright Red	Globe	Very popular market variety for greenhouse, muck or mineral soils. Good heat tolerance.
3440	Sparkler	24	Deep red top / White bottom	Globe	Attractive two-tone color and mild peppery flavor.
3436	Gum Ball Mix	24 - 30	Multicolored	Round	A beautiful blend of Red, purple, pink, white, and yellow radishes. Great for bunching displays.
3401	Champion	25	Bright Red	Ball	Excellent quality, crisp and solid. Long standing.
3406	Fireball F1	25	Dark Red	Round	Excellent dark red roots with medium-tall tops. Uniformly large and round with great yield potential. Performs well in warm weather.
3424	French Breakfast	25	Deep Red / with white tip	Oblong	Crisp white flesh with small, slender taproot. Has a distinct, mildly pungent flavor.
3430	Hailstone	26	White	Globe	Firm flesh stays crisp for a long time. Dark green, strong medium-sized tops. Larger than most early globe types.
3414	Crimson Giant	27	Deep, Dark Red	Globe	Can grow as large as an apple if adequately spaced. The white flesh stays mild for a long time.
3433	Pink Beauty	27	Rose-Pink	Round	Smooth with small taproot and crisp white flesh. Grows large but stays mild and not pithy.
3445	White Icicle	27	White	Elongated	5 - 6" long radish with pure white flesh that remains crisp and tender with mild pungency.
3420	Easter Egg Blend	28	Multicolored	Globe	Produces a unique combination of red, pink, purple, violet and white radishes of excellent flavor and interior quality. Roots remain firm, crisp and flavorful without becoming woody or pithy well beyond maturity.
3431	Plum Purple	28	Deep Purple	Globe	Attractive color. Produces a large, mild tasting, root which remains crisp and resists becoming pithy for an extended period. Tall, strap-leaved tops are durable for more efficient bunching.
3429	German Giant	29	Bright Red	Round	"Giant" radish (up to 4"). Roots remain sweet and crisp with no cracking.
3432	Golden Helios	30	Yellow	Globe	Displays beautiful bright yellow skin with white flesh that is tasty with a sweet, mild flavor.



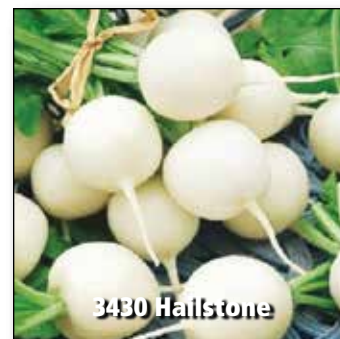
3401 Champion



3406 Fireball F1



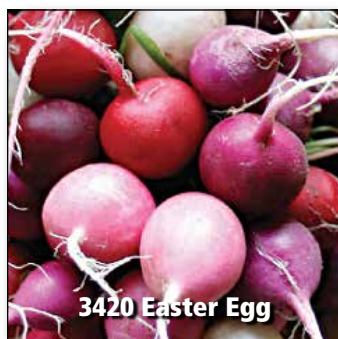
3424 French Breakfast



3430 Hailstone



3445 White Icicle



3420 Easter Egg



3429 German Giant



3432 Golden Helios



	Variety	Relative Days	Color	Shape	Characteristics
3446	Red Bartender	35	Bright Red	Elongated	This rare heirloom is 9" x 1½". Pungent, crisp, and PINK interior flesh. Has medium tall, vigorous tops and is a good yielder.
3450	KN - Bravo F1	49	Purple and White	Elongated	Beautiful external and internal color. Good for spring and summer plantings. Roots are about 4-6" and have good, sweet flavor. May also produce a small percentage of white roots.
3442	Watermelon	50	White	Globe	Unique and beautiful. Large, 2", white roots with green shoulders. The inside flesh is red to pink and is very sweet and crisp.
3451	Stargazer	55 - 60	Green, White	Elongated	Recommended for summer sowing and fall harvest, this pretty watermelon type has a mild flavor with crisp, juicy texture. Bright green tops have a strong attachment and gorgeous contrast.

Radish - Winter / Oriental



Radishes are a great low-calorie snack. One cup of sliced radishes has only 19 calories.

	Variety	Relative Days	Color	Characteristics
3438	Japanese Minowase	50	White	12 - 24" long x 3" diameter. Very smooth early Daikon radish. Uniform, brittle, juicy flesh has little pungency.
3408	China Rose Winter	55	Deep Rose	Mild, sweet flavor and crisp, brittle texture. Smooth and cylindrical, measuring 7" long.
3403	Black Spanish Round	60	Deep Black	Large turnip-shaped 3 - 4" globes, with solid, crisp, pungent, and pure-white flesh.

RUTABAGA

	Variety	Relative Days	Characteristics
3501	American Purple Top	85	(Neckless) Globe-shaped. 5 - 6" in diameter. Buff yellow with purple top. Flesh is cream yellow. Fast growing. Firm and crisp with a pleasant taste.



The rutabaga evolved as a cross between wild cabbage and the turnip.

All parts of salsify contain sticky, milky latex that can be used for chewing (like a chewing gum).

SALSIFY

	Variety	Relative Days	Characteristics
3526	Mammoth Sandwich Island	120	Flavor somewhat like oysters. Flesh is creamy white. Tasty when peeled, sliced and boiled. Roots grow 8" or longer. 1 to 1½" across at the shoulder, slightly tapering and uniform. May overwinter for early spring use.



SPINACH — Listed by Maturity



3633 Seaside F1

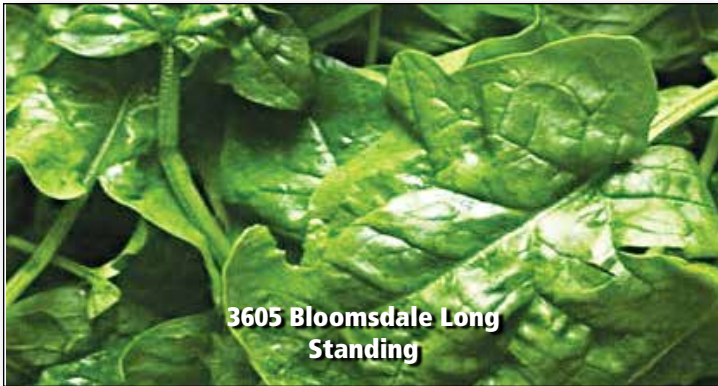


3619 Green Beret F1

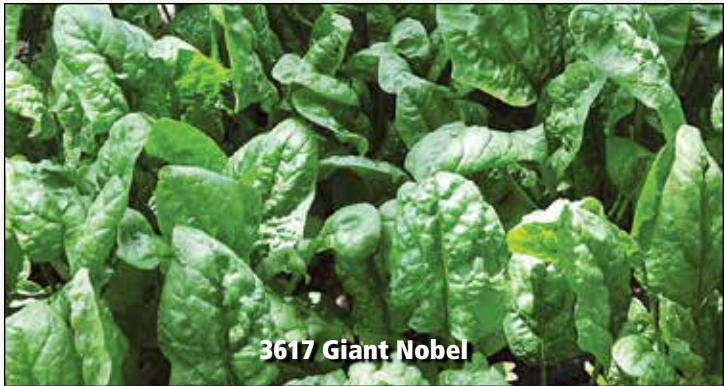


3634 Red Tabby F1

	Variety	Relative Days	Leaf	Recommended Season	Resistance / Tolerance	Characteristics
3633	Seaside F1	25 - 40	Smooth	Spring / Summer / Fall	DM 1-11, 12, 14, 15-16	A very uniform baby leaf variety with a moderate growth rate and an upright plant habit. Spade-shaped leaves are nice, smooth, thick, and very dark green.
3619	Green Beret F1	30	Semi-Savoyed	Spring / Fall	DM 1-13	Provides very dark and thick leaves. Great downy mildew resistance package. Uniform. Can be grown for baby or large leaves.
3634	Red Tabby F1	31	Smooth	Spring / Summer	DM 1-13	Upright habit and uniform growth make it easy to harvest at any stage. Red veins on dark green, angular leaves gives it a striking appearance.
3605	Bloomsdale Long Standing	45	Savoyed	All Season	—	Heavy, continuous yield of thick, glossy, and dark green leaves.
3617	Giant Nobel	45	Smooth	Spring	—	Pointed dark-green leaves are huge, thick, and smooth. Heavy yielding and slow to bolt. Ideal for late spring. Excellent for canning.
3627	Olympia F1	45 - 50	Smooth	Spring / Summer	DM 1-3, 5, 8 9, 11, 12, 14	Moderate growing, processing variety with large, smooth, elongated, oval, and medium green leaves. A bolt tolerant variety great for early spring or late summer.
3626	Persius F1	45 - 50	Smooth	Fall / Early Winter	Ao, DM 1, 3, 5, 8 9, 11, 12, 14, 16	Slightly lobed, smooth leaves are produced on a semi-upright plant with moderate bolt tolerance. Excellent yielding.



3605 Bloomsdale Long Standing



3617 Giant Nobel



3627 Olympia F1



3626 Persius F1

Did you know?

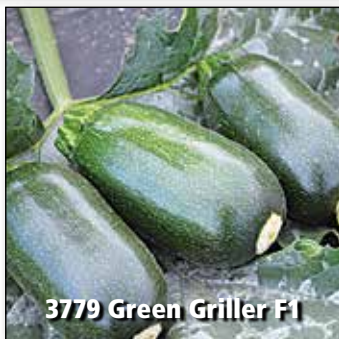
Medieval artists extracted green pigment from spinach to use as an ink or paint.

SUMMER SQUASH

Summer Squash - Green Zucchini — Listed by Maturity



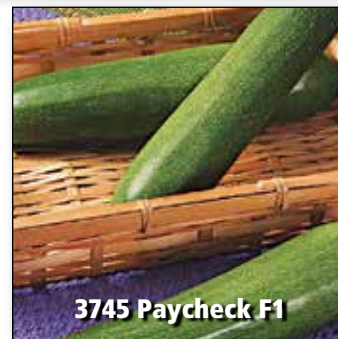
3736 Bossa Nova F1



3779 Green Griller F1



3740 Senator F1



3745 Paycheck F1

	Variety	Relative Days	Shape	Color	Resistance / Tolerance	Characteristics
3736	Bossa Nova F1	30-45	Slight taper	Medium and Dark Green Striped	CMV, WMV	Beautiful mottled exterior is very pronounced. Compact plants produce early and continue to set throughout the season.
3779	Green Griller F1	40	Cylindrical	Dark Green	ZYMV	Very attractive appearance and color. Unique shape makes fruit easy to grill when sliced.
3740	Senator F1	41	Cylindrical	Medium Green	—	Open plants are single stemmed and provide nice yields over an extended harvest period.
3745	Paycheck F1	43	Cylindrical	Medium Green	CMV, PM, WMV, ZYMV	Very good adaptability, high yield potential, and excellent fruit quality. Maintains shape and length in cool/cold conditions.
3729	Payload F1	43	Cylindrical	Medium Green	ZYMV, WMV, CMV, PM, PRSV	Open upright plant habit with reduced spines. Uniform fruit averages 7-8" in length. Skin is glossy and slightly darker than Paycheck.
3753	Spineless Supreme F1	44	Cylindrical	Medium-Dark Green	CMV, PM, PRSV, WMV, ZYMV	Glossy, club-shaped fruit. Spineless petioles help reduce fruit damage during harvest. Improved disease and virus package help keep plant healthy to maximize yield.
3717	Endeavor F1	45	Cylindrical	Medium-Dark Green	PM, PRSV, WMV, ZYMV	Vigorous-growing variety that yields large fruit with small-spines that are uniform and glossy. Plant has a nice open habit.
3705	Payout F1	45	Cylindrical	Medium Green	PM, WMV, ZYMV, CMV, PRSV	Nice disease package with an open, spineless plant. Strong yields of high gloss fruit with an easy picking peduncle.
3744	Payroll F1	45	Cylindrical	Medium Green	PM, WMV, ZYMV	Open upright plant habit with minimal spines. High adaptability and yield potential.
3766	Spineless Perfection F1	45	Cylindrical	Medium Green	PM, WMV, ZYMV	Attractive and straight with refined flecking. Strong plant is spineless, upright, and open.
3703	Cashflow F1	47	Slight Taper	Medium Green	ZYMV	Large, vigorous plant produces exceptionally high yields.
3735	President F1	48	Slight Taper	Medium Green	—	Fruit are smooth and slow to bulb. A high yielding, upright plant for easy picking.



3729 Payload F1



3753 Spineless Supreme F1



3717 Endeavor F1



3705 Payout F1



3744 Payroll F1



3766 Spineless Perfection F1



3703 Cashflow F1



3735 President F1

Summer Squash - Green Zucchini (continued) — Listed by Maturity



3789 Zucchini Elite F1



3765 Spineless Beauty F1



3733 Romanesco



3716 Garden Spineless F1

	Variety	Relative Days	Shape	Color	Resistance / Tolerance	Characteristics
3789	Zucchini Elite F1	48	Cylindrical	Medium Green	—	Slim fruit with lustrous sheen. Open plant habit that produces impressive yields.
3719	Dark Green Zucchini	50	Cylindrical	Dark Green	—	Vigorous bush plant. Fruits are firm, straight, smooth, and mottled with good flavor.
3765	Spineless Beauty F1	50	Cylindrical	Medium Green	—	Spineless open plant produces long, uniform fruit with smooth and glossy exteriors.
3733	Romanesco	52	Slight Taper	Medium Green	—	Distinctive Italian zucchini, prominently ribbed. Medium green with flecks and ribs. Big, large-leaved bush. Great texture, nutty, and delicious flavor.
3716	Garden Spineless F1	53	Cylindrical	Dark Green	—	Long flecked fruit on a scratchless open plant for easy picking.
3704	Black Beauty	60	Slight Taper	Dark Green	—	Heirloom variety. Compact bush plant bears glossy fruits over an extended period.

Summer Squash - Green Miscellaneous — Listed by Type / Maturity



3782 Billiard Ball Blend F1



3721 Eight Ball F1



3758 Ronde de Nice

Round Zucchini

	Variety	Relative Days	Type	Color	Characteristics
3782	Billiard Ball Blend F1	35	Round Zucchini	Various	Colorful blend consisting of yellow, light and dark green, ball shaped squash
3721	Eight Ball F1	35	Round Zucchini	Dark green	Strong, open bush plant is very vigorous and produces uniform fruit that have an attractive shiny and speckled dark exterior.
3758	Ronde de Nice	45	Round Zucchini	Light mottled green	Open bush plant habit produces 2 - 4" diameter fruit with small blossom scar and creamy yellow solid flesh. Delicate skin.



3714 Ishtar F1



3756 Cometa F1



3754 Magda F1



3768 Terminator F1

Mediterranean

	Variety	Relative Days	Type	Color	Characteristics
3714	Ishtar F1	37	Mediterranean	Mottled pale	Open semi-erect plant with a single stem. Very productive. WMV, ZYMV resistant.
3756	Cometa F1	48	Mediterranean	Light gray-green	Vigorous plants produce good quality, attractive 5" x 1-2" fruit. The flavor is rich and nutty.
3754	Magda F1	48	Mediterranean	Pale green	Great-tasting, sweet, nutty flavor. The blocky, tapered fruits are usually picked small, 3 - 4" long. High yielding over a long season.
3768	Terminator F1	56	Mediterranean	Light to Medium	Very vigorous compact bush plant produces attractive speckled fruit with great disease resistance. WMV, PRSV, ZYMV resistant.

Summer Squash - Green Miscellaneous (continued) — Listed by Type / Maturity



3747 Moonbeam F1



3707 Benning's Green Tint



3748 Partial Eclipse F1



3749 Peter Pan

Green and White Scalloped

	Variety	Relative Days	Type	Color	Characteristics
3747	Moonbeam F1	45	Scalloped	Pale green to white	Pie shaped fruit with scalloped edges and fine textured flesh. Has a small blossom scar and the plant is semi-open bush, producing heavy yields.
3792	Total Eclipse F1	49	Scalloped	Dark green	Turn around, every now and then you find a unique variety like this prolific pie-shaped squash that has fine grained, fine flavored white flesh. Compact bush plant.
3707	Benning's Green Tint	50	Scalloped	Pale green	Bush-type plant produces high yields of flavorful, creamy textured fruit.
3748	Partial Eclipse F1	51	Scalloped	White with dark green stripes	Open bush plant produces unique fruit with excellent color contrast. Flesh is firm and very tasty.
3749	Peter Pan F1	52	Scalloped	Light green	Deep, uniform, fleshy fruit with a small blossom end scar and an appealing color. Fruit is 2½ - 3" with refined, deep, scallops. Grows on a medium bush with an open habit.

Summer Squash - Yellow — Listed by Type / Maturity



3771 Chiffon F1



3778 Golden Girl F1



3739 Sebring F1

Zucchini

	Variety	Relative Days	Shape	Color	Resistance / Tolerance	Characteristics
3771	Chiffon F1	40	Cylindrical	Creamy Yellow	PM	Unique color! Very fine exterior skin which adds to the excellent flavor. Yields are high due to the length of the season. Strong upright compact bush habit.
3778	Golden Girl F1	40	Cylindrical	Golden Yellow	PM	Open bush habit plant produces nice fruit with consistent shape and quality.
3739	Sebring F1	40	Cylindrical	Gold	PM	Consistent color with fewer green tips than others. Strong, open structure plant.
3710	49er F1	50	Cylindrical	Gold	—	Upright open plant habit. Creamy-white flesh has excellent flavor.
3785	Golden Glory F1	50	Cylindrical	Dark Yellow	PM, WMV, ZYMV	Attractive fruit with great deep color are produced on an open, upright, semi-spineless plant with dark green foliage. High yield potential.
3720	Gold Rush F1	52	Cylindrical	Golden-Yellow	—	A true zucchini. Smooth, uniform fruit are borne on upright, open plants
3708	Burpee Golden Zucchini	54	Cylindrical	Bright Gold	—	Medium-long, slender fruit with delicious, distinctive zucchini flavor.



3710 49er F1



3785 Golden Glory F1



3720 Gold Rush F1



3708 Burpee Golden Zucchini

Summer Squash - Yellow (continued) — Listed by Type / Maturity**3743 Fortune F1****3726 Supersonic F1****3731 Cougar F1****3794 Zephyr F1****Precocious Straightneck**

	Variety	Relative Days	Type	Color	Characteristics
3743	Fortune F1	39	Precocious Straightneck	Bright Yellow	Fruit is cylindrical and smooth. The precocious gene masks mild virus infections.
3726	Supersonic F1	40	Precocious Straightneck	Yellow	Very high yielding with good packing size at 5-6". Great color, shape, and flavor.
3731	Cougar F1	50	Precocious Straightneck	Yellow	Bred conventionally. Smooth, long, and tapered fruit is produced on large bush-type plants. PRSV, ZYMV resistant.
3728	Multipik F1	50	Precocious Straightneck	Bright Yellow	Early and very prolific. Widely adaptable. The smooth fruit can be picked early as a mini or later at market size.
3794	Zephyr F1	54	Precocious Straightneck	Yellow & light green	A distinctive, slender fruit, yellow with faint white stripes and light green blossom ends. Delicious nutty taste and firm texture when young. Unique appearance for easy recognition.

**3730 Enterprise F1****3711 Early Prolific Straightneck****3786 Goldprize F1****3724 Grandprize F1****Straightneck**

	Variety	Relative Days	Type	Color	Characteristics
3730	Enterprise F1	41	Straightneck	Bright Yellow	Very productive, vigorous bush-type plant. Has a slim bulb, green stem and a fine yellow color. Excellent fruit quality. Smooth, with small blossom scar.
3711	Early Prolific Straightneck	42	Straightneck	Yellow	Heirloom variety. Tapers towards stem. Bush-type plant.
3786	Goldprize F1	42	Straightneck	Yellow	High yielding, glossy and smooth fruit with an attractive yellow color. Longer harvest and improved fruit quality thanks to excellent disease protection. WMV, ZYMV resistance
3724	Grandprize F1	42	Straightneck	Yellow	Glossy, deep yellow fruit (2"x 6-7") with strong outer walls. Erect, semi-open plant with reduced spines has great vigor. PM, WMV, ZYMV resistance.
3713	Amberpic F1	42	Straightneck	Light Yellow	Smooth, glossy fruit pack well. Great flavor and texture.
3718	Smooth Summer F1	48	Straightneck	Yellow	Plant for the early part of the season and Smooth Criminal for the later part. This spineless variety is earlier and sets better pollen. Good PM Tolerance and high yield potential.
3732	Lioness F1	50	Straightneck	Yellow	Excellent disease tolerance for a conventionally bred summer squash. Fruit is straight with a medium bulb and green stem. CMV, PRSV, WMV, ZYMV resistant.
3751	Smooth Criminal F1	50	Straightneck	Yellow	You've been hit by, you've been struck by... a nearly SPINELESS upright growth habit plant that produces 6" fruit with good neck girth and uniformity.

**3713 Amberpic F1****3718 Smooth Summer F1****3732 Lioness F1****3751 Smooth Criminal F1**



3783 Mabel F1



3715 Dixie F1



3737 Gold Star F1



3723 Gentry F1

Crookneck

	Variety	Relative Days	Type	Color	Characteristics
3783	Mabel F1	40 - 45	Semi-Crookneck	Yellow	PM Resistant: Open bush-type plant produces heavy yields of brightly colored uniform fruit. Plant has a low canopy, low spine count reducing scratch potential.
3715	Dixie F1	41	Crookneck	Yellow	Dependable performance with consistent high quality.
3727	Golden Summer Crookneck	42	Crookneck	Yellow	Heirloom variety. Bush-type plant produces tender and flavorful fruit with narrow curved neck. Yellow darkens with maturity.
3737	Gold Star F1	42	Semi-Crookneck	Golden Yellow	Deep, golden color. Very smooth, glossy skin. Plant is open and vigorous with reduced spines. CMV, PM.
3723	Gentry F1	43	Semi-Crookneck	Butter Yellow	Open bush habit and reduced spines. Glossy and smooth with a strong neck. Produces high yield but fruit can be shorter when weather is cool.



3781 Sunny Delight F1



3772 Sunbeam F1



3793 Yellow Bush Scallop



3775 Sunburst F1

Yellow Scalloped

	Variety	Relative Days	Type	Color	Characteristics
3781	Sunny Delight F1	40	Scalloped	Yellow	Offers great taste and versatility. 2½ - 3" long with distinct scalloping.
3795	Colorful Patty Pan Mix F1	45 - 52	Scalloped	Yellow / Light and Dark Green	A mixture of delicious and colorful scalloped summer squash. Included are white, yellow, light and dark green scalloped squash.
3772	Sunbeam F1	47	Scalloped	Golden Yellow	Vigorous bush plants produce delicious 2-3" fruit. Excellent for baby use.
3793	Yellow Bush Scallop	49	Scalloped	Bright Yellow	Bush-type plants that produce nice yields. Can be used at the immature stage for mini vegetable or at any point thereafter. Creamy texture and very flavorful.
3775	Sunburst F1	50	Scalloped	Deep Yellow	May be harvested full maturity or baby-size. 2½" depth and 3" diameter. Plant is compact and open for easy picking.



3746 One Ball F1



3798 Cue Ball F1



3759 Juane et Verte



3797 Grenade F1

Assorted

	Variety	Days	Type / Shape	Color	Characteristics
3746	One Ball F1	35	Round	Golden Yellow	Yellow companion to Eight Ball. Very attractive, 3" round, golden yellow with a green scar.
3798	Cue Ball F1	35	Round	Mottled White	The pale-green sister of One Ball and Eight Ball. 3" round and grows on an open bush plant.
3790	White Bush Scallop	50	Scalloped	White	Bush-type plant produces good yields. Creamy texture and very flavorful.
3759	Juane et Verte	55	Scalloped	Cream / Green stripes	Flavorful summer squash but can also be baked at full hard shell maturity as a winter squash.
3797	Grenade F1	60	Round / Oval	Golden Yellow	Unique egg-shaped fruit with bright yellow color and a mild, rich zucchini taste. Open plant.

WINTER SQUASH — Listed by Type / Maturity



3806 Autumn Delight F1



3877 Table Gold



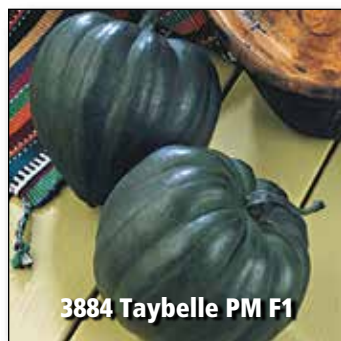
3882 Table Treat F1



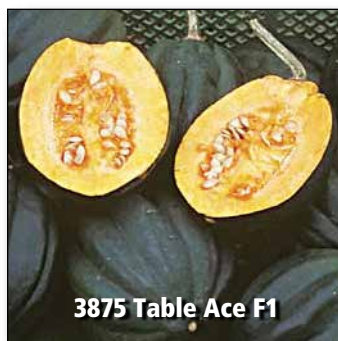
3810 Black Bellota F1

Acorn

	Variety	Relative Days	Type	Size	Color	Characteristics
3806	Autumn Delight F1	70	Acorn	6" x 5"	Dark Green / Black	This very strong semi-bush plant produces high quality fruit with large deep ribs. Beautiful butter-colored flesh has a delicious flavor.
3877	Table Gold	70	Acorn	5" / 1 - 2 lbs.	Bright Gold	Heirloom variety. Highly productive. Very tender with a fantastic nutty flavor.
3882	Table Treat F1	70	Acorn	1½ - 2 lbs.	Black / Green	Small open bush plant. High sugar fruit is large, slightly flattened with outstanding eating quality. PM resistant.
3810	Black Bellota F1	75	Acorn	1½ - 2 lbs.	Black / Green	Semi-Bush plant. Provides great color and extremely high quality flesh with a very long shelf life (6-8+ months). PM resistant.
3884	Taybelle PM F1	78	Acorn	6 - 7"	Dark Green / Black	Semi-bush plant. Provides uniform size throughout it's picking period. PM resistant.
3875	Table Ace F1	80	Acorn	6" x 5" / 1½ lbs.	Dark Green	Very flavorful with good storage ability. Flesh has almost no fibers or stringiness. Grows on semi-bush plant.
3878	Table King Bush	80	Acorn	6" x 7" / 2 lbs.	Dark Gray / Green	Grows on a vigorous, compact bush. Fruit is hard, glossy, ribbed with thick, pale-orange flesh. Flavor improves in storage.
3840	Carnival F1	85	Acorn	1 - 1½ lbs.	Green, Gold, Yellow	Uniquely flecked colored skin is attractive and unusual. Flesh is gold, smooth, sweet, and nutty. Semi-dwarf plants produce good yields.
3831	Cream of the Crop F1	85	Acorn	3 lbs.	Creamy white	Compact bush plant. Uniform size, shape and color with long storage life. Cream colored flesh has a delicious, mild nutty flavor.
3880	Table Queen	85	Acorn	1 - 2 lbs.	Dark Green	Hard, thin rind and medium deep ribs. Has light yellow to deep orange, sweet, dry, thick flesh with a small seed cavity.
3826	Celebration F1	90	Acorn	1½ lbs.	Gold w/ Orange stripes	Excellent eating quality (high sugar content). Bush plant produces strong yields. PM resistant.
3847	Heart of Gold F1	100	Acorn	3 lbs.	Cream w/ green stripes	Striped like Sweet Dumpling, heart shaped, with fine sweet flesh. Yields 35% higher than Sweet Dumpling. Semi-bush plant.
3883	Mashed Potato F1	105	Acorn	1½ - 3 lbs.	Stark White	Flesh is nearly white and resembles Mashed Potato when baked and fluffed. Highly productive plants. Colors hold into late fall.



3884 Taybelle PM F1



3875 Table Ace F1



3840 Carnival F1



3831 Cream of the Crop F1



3880 Table Queen



3826 Celebration F1



3847 Heart of Gold F1



3883 Mashed Potato F1



3860 Golden Butta Bowl F1



3805 Bon Bon F1



3807 Delica F1



3848 Jade F1

Buttercup / Kabocha

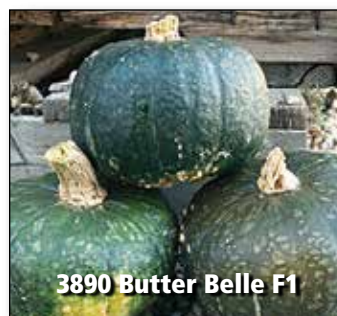
	Variety	Relative Days	Type	Size	Color	Characteristics
3860	Golden Butta Bowl F1	82 - 85	Buttercup / Kabocha	3 - 5 lbs.	Orange with green blossom end	Square/oblate medium to small sized fruit has high quality, deep yellow flesh. Bush habit with high yields that are early and compact. PM, ZYMV Tolerance.
3805	Bon-Bon F1	85	Buttercup / Kabocha	4 - 5 lbs.	Dark Green	Early maturing with very sweet, thick orange flesh. Produced on an upright, semi-bush plant. PM resistant.
3807	Delica F1	85	Buttercup / Kabocha 3 - 4 lbs	6"x 5"	Dark Green / Light Green	World Standard for Kabocha. It has even thickness in the flesh that is sweet and nutty with texture that is dry, smooth, flaky and stringless and edible skin. Early and high yielding. Cook with water instead of baking.
3848	Jade F1	85	Buttercup / Kabocha	4"x 6" 2 - 3 lbs.	Dark Green / Black	A true semi-bush plant. Superior eating quality, dry flesh with very nutty flavor. Has an extended storage life and is very adaptable.
3892	Speckled Pup F1	85	Kabocha	1½ lbs.	Deep Green w/ Red-Orange Speckles	Mini Kabocha produced on a semi-bush plant. Very prolific and beautiful. ZYMV and PM resistant.
3873	Sweet Mama F1	85	Buttercup / Kabocha	2 - 3 lbs.	Very Dark Green	Moderately thick sweet yellow flesh is nutty and dry. Distinct bush-type with single vine, short internodes. Excellent storage ability.
3890	Butter Belle F1	90	Buttercup / Kabocha	2 - 3 lbs.	Dark Green	Semi bush plant provides great yields of quality fruit with dense orange flesh.
3857	Olive Butta F1	90	Buttercup / Kabocha	4 lbs.	Olive Green w/ Silver Speckles	Deep orange flesh has high brix and dry matter. Oblate shape with rounded, straight shoulders and slight ribbing towards maturity. ZYMV resistant.
3859	Orange Dawn F1	90	Buttercup / Kabocha	2 - 3 lbs.	Bright Orange	Excellent chestnut flavor. Semi-Bush plant produces abundantly.
3842	Special Export F1	90	Buttercup / Kabocha	3½ lbs.	Dark Green	Slightly flattened with intense coloring. High yielding and great for storing. Very nice eating quality when stored for at least 3 weeks, even better after a few months.
3804	Autumncup F1	95	Buttercup / Kabocha	3 lbs.	Dark Green	Deep orange flesh is very sweet. Excellent for storage. Semi-bush plant.
3825	Buttercup Burgess	95	Buttercup / Kabocha	7"x 5" 3 lbs.	Dark Green	Plant is somewhat bush-like and compact. Slight light green striping on skin. Sweet orange flesh is dry and sweet.
3871	Sunshine F1	95	Buttercup / Kabocha	3 - 5 lbs.	Deep Scarlet	Beautifully colored fruits are slightly flat-round. Has a vigorous, short vine. Tender flesh is smooth, sweet, and bright orange.
3835	Tetsukabuto F1	100	Butternut / Kabocha	3 - 5 lbs.	Very Dark Green	High yielding even under stress, this kabocha/butternut cross has a sweet, nutty flavor. Can be used as a rootstock in melon, watermelon and cucumber.



3892 Speckled Pup F1



3873 Sweet Mama F1



3890 Butter Belle F1



3859 Orange Dawn F1



3842 Special Export F1



3804 Autumncup F1



3871 Sunshine F1



3835 Tetsukabuto F1

Winter Squash (continued) — Listed by Type / Maturity



3861 Autumn's Choice F1



3811 Butternut 900 F1



3800 Early Nutter F1

Butternut

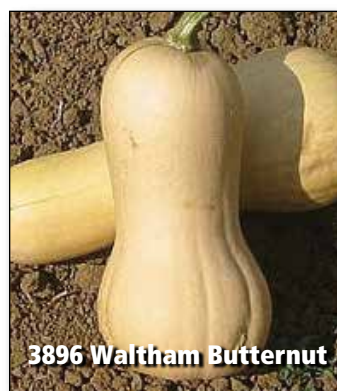
	Variety	Relative Days	Type	Size	Color	Characteristics
3861	Autumn's Choice F1	76	Butternut	8 - 9" 3 lbs.	Green, Tan, Yellow	Thick neck w/ slight bell shape. Dark green w/ variable yellow-beige mottling. Good yields of uniform fruit. Delicious, sweet, rich flavor.
3811	Butternut 900 F1	80	Butternut	8 - 9" 3 lbs.	Light Tan	Semi-bush plant. More uniform fruit size than others in its class. And has good flesh color. Ideal for the boxing market. PM resistant.
3800	Early Nutter F1	80 - 90	Butternut	4 - 5 lbs.	Beige	Vigorous vines provide outstanding yields of uniform fruit with a slight bell shape and beautiful beige skin. Delicious, rich orange flesh. PM resistant.
3808	Avalon F1	88	Butternut	7" x 3" / 4 - 5 lbs.	Buff / Tan	Uniform shape with fine grained orange flesh. Vining plant habit.
3891	Ultra HP F1	90	Butternut	5" x 15" 10 lbs.	Buff / Tan	Fruit are variable in shape and often curved. Flesh is fine and sweet, dark orange in color. Long day conditions produce curved necks.
3896	Waltham Butternut	95	Butternut	3 - 6 lbs.	Buff / Tan	Prized for its straight necks, rich dry yellow-orange flesh, nutty flavor, and high-yielding vines. Fruits are exceptional keepers.
3809	Atlas F1	100	Butternut	5 - 7 lbs.	Buff	Produces high yields of large, uniformly sized, cylindrical fruit, with dark orange flesh and small bulb end. Restricted vine.
3824	Butterkin F1	100	Butternut	6 ½ x 4" 3 - 5 lbs.	Buff	Gorgeous flat, scalloped-shaped butternut. Dark flesh is very sweet and smooth. Full vining plants are very vigorous.
3829	Butterbaby	100 - 105	Mini-Butternut	½ - 1 lb.	Tan	Personal size butternuts are sweet and high yielding. Uniform and can be grown in ground or trellised to save space. PM resistant.
3818	Narragansett F1	105	Butternut	5 - 6 lbs.	Tan	Vigorous full vine plant produces flavorful, attractive fruit with a thick neck and slight bell shape. PM and ZYMV resistant.
3844	Honeynut	110	Mini-Butternut	5" 1 - 1½ lbs.	Tan / Burnt Orange	Bush-type plant produces fruit that have a very sweet and rich flavor. The rind matures from dark green, to tan, and finally a rich burnt orange.



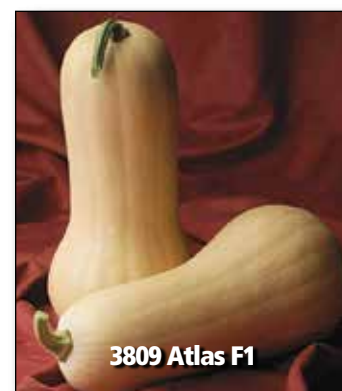
3808 Avalon F1



3891 Ultra HP F1



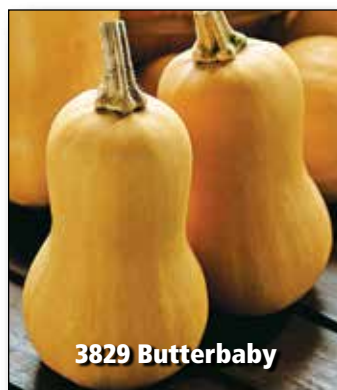
3896 Waltham Butternut



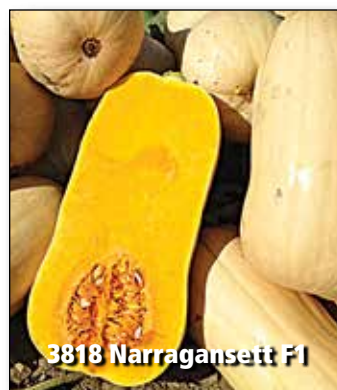
3809 Atlas F1



3824 Butterkin F1



3829 Butterbaby



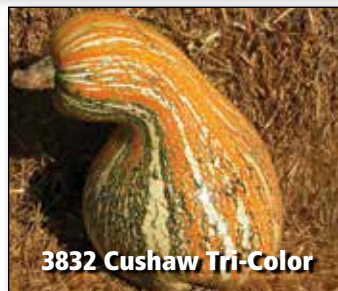
3818 Narragansett F1



3844 Honeynut


3814 Autumn Colors
Cushaw F1


3830 Cushaw Green Striped



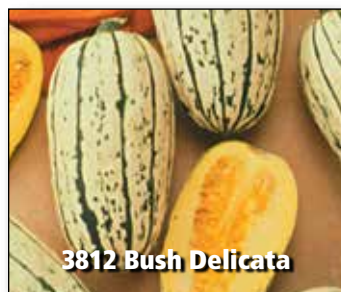
3832 Cushaw Tri-Color



3827 Cushaw White

Cushaw

	Variety	Relative Days	Type	Size	Color	Characteristics
3814	Autumn Colors Cushaw F1	100	Cushaw	12" x 28" 15 - 18 lbs.	Orange & Green on White background	A hybrid cushaw with early maturity and exceptionally bright colors.
3830	Cushaw Green Striped	110	Cushaw	10 - 20+ lbs.	Cream w/ Green Stripes	Large fruit's flesh is slightly sweet, medium-coarse, and fibrous.
3832	Cushaw Tri-Color	110	Cushaw	12 - 15 lbs.	Dark Green, Orange, Golden Yellow, White	Stunning combination of dark green, golden-yellow, and white stripes and white running from the stem to the blossom end.
3827	Cushaw White	110	Cushaw	15 - 20 lbs.	White w/ Pale Yellow Stripes	Curved neck. Thick yellow flesh makes it excellent for making pies. Also known as the Jonathon Pumpkin and White Salem Pumpkin.



3812 Bush Delicata



3834 Delicata



3872 Sweet Dumpling

The English word "squash" comes from the Narragansett word "askutasquash" which means "a green thing eaten raw".

Delicata

	Variety	Relative Days	Type	Size	Color	Characteristics
3812	Bush Delicata	80	Delicata	8" x 4"	White w/Green Stripes	Bush habit plants. Excellent eating quality. Flesh is sweet and smooth and stores well. PM resistant.
3834	Delicata	100	Delicata	3" x 7 - 9" 1½ - 2 lbs.	Cream w/ Green Stripes	Heirloom variety. Fruit has a fine, sweet potato-like flavor. Has dark green longitudinal stripes and flecks and stores extra-well.
3872	Sweet Dumpling	100	Delicata	3½ - 4½ " 7 - 8 oz.	Creamy White w/ Green Stripes	A delicious, highly ornamental hybrid. Orange flesh is smooth and tasty.



3828 Red October F1



3851 Hubbard (True Green)



3817 Chicago Warty



3820 Blue Hubbard

Hubbard

	Variety	Relative Days	Type	Size	Color	Characteristics
3828	Red October F1	90	Hubbard	5 - 6 lbs.	Dark Red-Orange	Brilliantly colored fruits are uniform and both ornamental and edible. The fine-grained flesh is deliciously sweet and dry.
3866	Red Kuri	92	Hubbard	4 - 7 lbs.	Red	Beautiful scarlet fruit have smooth textured flesh. Yields 2 to 3 fruit per plant.
3851	Hubbard (True Green)	100	Hubbard	12" x 9 - 10"	Dark Bronze-Green	Coarsely warted hard globular fruit with pointed ends. Vigorous vines.
3817	Chicago Warty	105	Hubbard	13" x 10" 12 - 16 lbs.	Dark Green	Thickly covered with heavy warts, a hard shell, and true Hubbard shape. Golden-yellow flesh is fine-grained, thick, dry and sweet.
3843	Golden Hubbard	105	Hubbard	11" x 9" up to 10 lbs.	Red-Orange w/ Tan stripes	Tasty flesh is dry and fine-grained. Keeps extremely well. Smaller than most hubbards and slightly warted.
3820	Blue Hubbard	110	Hubbard	12" x 7" 7 - 10 lbs.	Blue-Gray	Fruit has globular seed cavity and pointed ends. Rind is hard, thick warted with slight ribs. Flesh is orange with fine texture and sweet flavor.
3821	Blue Hubbard New England	120	Hubbard	20-30" / 30-45 lbs.	Blue-Gray	Similar characteristics to "Blue Hubbard" but much larger.

Winter Squash (continued) — Listed by Type / Maturity



3893 Vegetable Spaghetti



3869 Stripetti F1



3888 Tivoli F1



3863 Primavera F1

Spaghetti

	Variety	Relative Days	Type	Size	Color	Characteristics
3898	Angel Hair F1	88	Mini-Spaghetti	1½ - 2 lbs.	Yellow	Sweet pasta-type interior with great flavor.
3893	Vegetable Spaghetti	90	Spaghetti	7 lbs.	Cream - Yellow	Heirloom: Produces nice yields of cylindrical fruit on vigorous spreading vines.
3894	Vermicelli F1	90	Spaghetti	8 - 10"	Yellow - Buff Tan	Bush vines produce rounded cylindrical fruit. Highly productive. Stringy flesh has good flavor.
3366	Millionaire F1	95	Spaghetti	7 - 12 lbs.	White / Gold w/ green stripes	Round fruit. Excellent rock hard handles and amazing eating quality. See Picture on page 72.
3869	Stripetti F1	95	Spaghetti	12" / 4 lbs.	Tan / Orange w/ green stripes	Cross between Delicata and Vegetable Spaghetti. Attractive rind matures from tan to orange.
3888	Tivoli F1	98	Spaghetti	6" x 10" / 6 lbs.	Pale Yellow	Smooth exterior. The bush plant is highly compact, provides high yield potential.
3863	Primavera F1	110	Spaghetti	4 lbs.	Canary Yellow	High yielding with very uniform size and shape produced on a restricted vine.

MISCELLANEOUS / NOVELTY / ORNAMENTAL SQUASH — Listed by Maturity



3836 Kai-Kai F1



3849 Lakota



3850 Marina Di Chioggia



3802 American Tondo

	Variety	Relative Days	Type	Size	Color	Characteristics
3836	Kai-Kai F1	75	Ornamental	3 ½" x 7"	Tan with patchy streaks	Hard skin and soft flesh is good for transporting. Good vigor and disease resistance. Green speckled when immature and frosted tan at maturity.
3849	Lakota	85	Ornamental	8" x 9"	Orange w/ dark green stripes	Stunning winter squash. Fine grained orange flesh is sweet and nutty. Excellent for baking.
3850	Marina Di Chioggia	85	Italian / Ornamental	7 - 8 lbs.	Dark Green	A beautiful Italian heirloom with ridges and bumps on the skin.
3802	American Tondo	90	Ornamental	4 - 6 lbs.	Deep Orange w/ green stripes	A beautifully ribbed ornamental squash with deep-orange skin and green stripes between the prominent ribs.
3845	Guatemalan Blue Banana	90	Banana	18 - 20" 5 lbs.	Dark Blue w/ light stripes	Flesh is golden-yellow, thick, and firm. Excellent table quality.



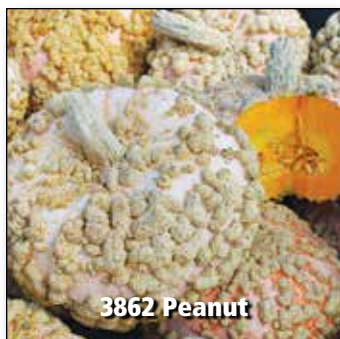
3845 Guatemalan Blue Banana

Pumpkins, Gourds and Winter Squash belong to the same family.

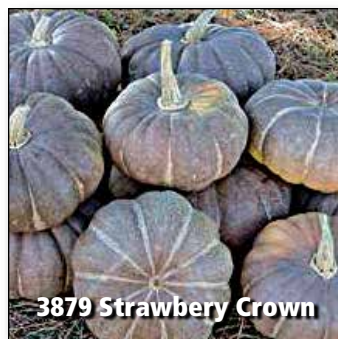
For more novelty types please see pages 58 & 85



3833 North Georgia Candy Roaster



3862 Peanut



3879 Strawberry Crown



3885 Tours

	Variety	Relative Days	Type	Size	Color	Characteristics
3833	North Georgia Candy Roaster	90	Banana	8 - 15 lbs.	Light Pinkish-Orange	Great eating quality and stores for months. Much more manageable than larger "banana" types.
3862	Peanut (Galeuse d'Eysines)	90	Ornamental	6 ½" x 11" 10 - 20 lbs.	Pink Warted	Sweet, moist orange flesh. Peanut-like warts continue to grow and cover the entire fruit.
3879	Strawberry Crown	90	Ornamental	6 lbs.	Brown Bi-color	Great color with a blush of salmon at the crown. Flesh is thick and sweet.
3885	Tours	90	Ornamental	15 - 18 lbs.	Dark Green w/ Orange Stripes	French Heirloom looks like a watermelon. Tall and upright. Produces large seeds that are great for roasting.
3854	Kamo-Kamo	95	Ornamental	7" diameter	Yellow-Orange w/ green streaks	Round/oval with very distinctive broad ribs. Green streaky spots between the ribs.
3858	Moranga	95	Brazilian / Ornamental	4 - 8 lbs.	Light Pink to Salmon	Traditional Brazilian squash. Often referred to as a "Pink Pumpkin". Attractive and flavorful.
3870	Speckled Hound	95	Ornamental	3 - 6 lbs.	Medium Orange w/ Green-Blue Splotches	Dense yellow-orange flesh has surprisingly great taste. Oblate in shape on an open vine plant.
3822	Turbino	95	Ornamental	10" + diameter	White, Soft Pink, Tan, and Red	Large turban shaped fruit has very attractive appearance and coloring. After the fruit is established it's recommended to rotate the face upright.
3839	Grey Ghost F1	100	Ornamental	10 - 15 lbs.	Gray	Vigorous plant produces good yields of decorative fruit with a flattened bottom. Some PMR, very edible with great flavor and stores very well.
3852	Jarrahdale	100	Ornamental	6 - 10 lbs.	Slate Gray	Fruit has heavy, rounded ribs, thick medium sweet flesh and beautiful skin.
3867	Queensland Blue	100	Ornamental	10 - 20 lbs.	Blue	Skin is deeply ribbed. Semi-sweet flesh is thick and flavorful.
3886	Turks Turban	100	Ornamental	7" x 8" 3 - 4 lbs.	Cream, Green, Yellow, Orange, Red	Heirloom variety. Ornamental and edible. As the name suggests, it forms a distinctive cap or turban.



3854 Kamo Kamo



3858 Moranga



3870 Speckled Hound



3822 Turbino



3839 Grey Ghost F1



3852 Jarrahdale



3867 Queensland Blue



3886 Turks Turban

Performance of all varieties may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years and consider the impacts of those conditions on the grower's field.

Miscellaneous / Novelty / Ornamental Squash (continued) — Listed by Maturity



3801 Ute Turban



3899 Yugoslavian Fingers

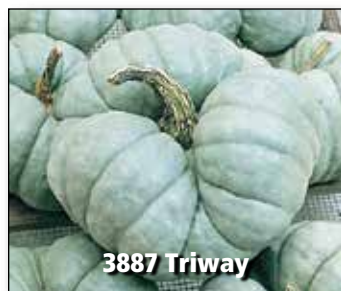


3813 Autumn Frost F1



3815 Chirimen

	Variety	Relative Days	Type	Size	Color	Characteristics
3801	Ute Turban	100	Ornamental	4 - 5 lbs.	Gray/Green	Unique turban squash. Sweet and mild flesh is an attractive bright-yellow.
3899	Yugoslavian Fingers	100	Ornamental	4 - 5 lbs.	Cream White	Ten finger-like points on large, fluted acorn type fruit. Extremely ornamental and rare.
3813	Autumn Frost F1	100 - 105	Ornamental	5 - 7" 4 lbs.	Dark Tan Frosted	PM Resistant: Uniquely ribbed with a beautiful frosted overlay. Flesh has superior quality, rich flavor and maintains its high Brix. Offers great shelf life.
3815	Chirimen	100 - 125	Ornamental	7 - 10 lbs.	Dark Green to Buff - Orange	Flattened globed-shape fruit are warted with distinct ribs. Dark-green skin matures to buff-orange. Sweet flesh is thick with yellow-orange color.
3887	Triway	103	Ornamental	12 - 15 lbs.	Blue / Gray	This rare variety is three-lobed. Flesh is very thick, excellent quality for pies or as a vegetable squash.
3881	Black Futsu	105	Moschata	3 - 5 lbs.	Dark Blue-Green	Small fruit are heavily ribbed and bumpy. Its fine-grained flesh is smooth with a fruity flavor at harvest that takes on a nutty depth in storage. High yielding.
3846	Lunga Di Napoli	105	Italian	35 - 45 lbs.	Green with gray streaks	2' long and butternut shaped . Flesh is orange, sweet, and delicious with few seeds. Stores very well.
3864	Pink Banana Jumbo	105	Banana	30+ " / up to 50 lbs.	Pink	Heirloom: Plant produces good yields of huge banana shaped fruit.
3853	Long Island Cheese	108	Ornamental	6 - 10 lbs.	Tan	Heirloom: Medium-large, lightly ribbed and flattened. Smooth skin with slender woody stem. Deep orange flesh makes it a great pie squash.
3874	Red Warty Thing	110	Ornamental	14" / 20 lbs.	Bright Orange / Red	Very decorative and good eating Hubbard-type flesh. Has a very warty, thick, hard rind with beautiful coloring.
3865	Silver Edged	110	Ornamental	5 - 10 lbs.	White w/ green mottled stripes	Fruit is attractive and ornamental (flesh not palatable). Silver edged seeds are very nutritious and flavorful.
3855	La Estrella	125	Calabasa	10 lbs.	Green, Tan, and Red-Orange	Excellent color. Nearly rib-less. Flavorful and stores well.



3887 Triway



3881 Black Futsu



3846 Lunga Di Napoli



3864 Pink Banana Jumbo



3853 Long Island Cheese



3874 Red Warty Thing



3865 Silver Edged



3855 La Estrella

Optimum Storage Conditions for Winter Squash & Pumpkin: All pumpkins and Winter squash should be well matured, carefully handled, and free from injury or decay. Recommended conditions for storage of pumpkin and Winter squash are 50 to 55 °F (10 to 13 °C). At higher temperatures of 59 to 68 °F (15 to 20°C), green varieties will become undesirably yellow and acquire a stringiness of the flesh. The Relative humidity (RH) should be 50 to 70%. Higher RH promotes decay while lower RH causes excess weight loss and texture deterioration. Pumpkins generally do not keep as well as hard-shelled Winter squashes. Most cultivars of Winter squash and pumpkins can be stored for at least 2 to 3 months.

Sunflowers - Hybrid



7029 Cherry Rose F1



7035 SunFill™ Purple F1



7032 ProCut® BiColor F1



7025 ProCut® Plum F1

	Variety	Relative Days	Prominent Color	Approximate Height	Average Flower Size	Type	Characteristics
7029	Cherry Rose F1	40 - 50	Cherry to Pink	4 - 6'	3 - 4"	Branching	Pollenless: Quick to flower. Red color overlays the lemon petals creating a beautiful cherry color. Intensity of red varies with growing conditions. Lower light produces deeper plum tones and bright sun favor an almost pink tone. It is possible to have both on the same branched plant.
7035	SunFill™ Purple F1	50 - 55	Purple	4 - 6'	3 - 4"	Single Stem	Pollenless: Used as a pre-bloom cut stem as variety in arrangements. Cut when buds expand and before petals appear.
7032	ProCut® BiColor F1	50 - 60	Red-Orange to Yellow	4 - 6'	4 - 6"	Single Stem	Pollenless: Beautiful autumn colors make it a great choice for cut flowers. Vary plant density to change flower size.
7025	ProCut® Plum F1	50 - 60	Plum to Cream	4 - 5'	4 - 6"	Single Stem	Pollenless: Early and reliable. Tall, strong stems and beautiful soft colors.
7033	ProCut® Red F1	50 - 60	Red	4 - 6'	4 - 6"	Single Stem	Pollenless: First single stem with deep red to burgundy colored petals. Adds a wonderful depth to bouquets and vase arrangements.
7026	ProCut® White Nite F1	50 - 60	White / Pale Yellow	4 - 5'	4 - 6"	Single Stem	Pollenless: Single-stem plants have tall, strong stems. Pale yellow, almost white petals with a dark center. NOTE: Light-colored petals are more susceptible to insect damage. To reduce impact, harvest blooms just as they begin to open and store until open to the desired appearance.
7027	Santa Fe Sunrise F1	50 - 60	Golden Yellow	5 - 6'	4 - 6"	Single Stem	Pollenless: Stunning bright, golden yellow petals resemble the sunrise.
7018	Sunrich Lemon Summer F1	50 - 60	Lemon Yellow	4 - 5'	4 - 6"	Single Stem	Pollenless: Beautiful lemon yellow petals with a black disk.
7016	Sunrich Limoncello Summer F1	50 - 60	Yellow / Bright Yellow	4 - 5'	4 - 6"	Single Stem	Pollenless: Beautiful yellow petals with a ray of bright yellow at the center.
7019	Sunrich Provence Summer F1	50 - 65	Deep Orange	3 - 5'	5 - 6"	Single Stem	Pollenless: Stunning petals circle the dark disc in a double row. Excellent uniformity and long vase life.



7033 ProCut® Red F1



7026 ProCut® White Nite F1



7027 Santa Fe Sunrise F1



7018 Sunrich Lemon Summer F1



7016 Sunrich Limoncello Summer F1



7019 Sunrich Provence Summer F1

Sunflowers - Hybrid (continued)

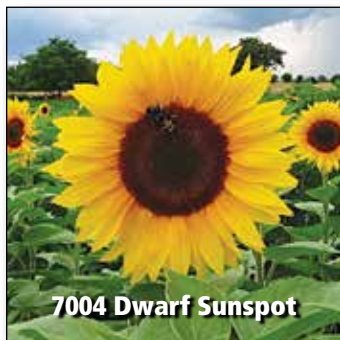


	Variety	Relative Days	Prominent Color	Approximate Height	Average Flower Size	Type	Characteristics
7045	Lemon Cutie™ F1	55 - 60	Lemon Yellow	1 - 2'	3 - 4"	Branching	Pollenless: Award winning, unique double petal variety that stays fresh longer than most. Good for pots, bedding, hedges and mass planting.
7038	Little Becka F1	55 - 60	Red and Yellow	1 - 2'	4 - 5"	Branching	Pollenless: This really unique sunflower forms a knee high mat of pollenless bright orange and red flowers on its branches. The central head opens first and its numerous branches just keep flowering until all you see is red.
7014	Sunrich Orange Summer F1	55 - 70	Golden Orange	4 - 5'	4 - 6"	Single Stem	Pollenless: 5 - 10 days earlier, and typically a bit shorter than the popular Sunrich Orange with the same color.
7031	Joker F1	60 - 70	Red to Orange	5 - 7'	4 - 7"	Branching	Pollenless: Named after the Harlequin Joker clowns of the late 1800's, as their costumes were made of 2 contrasting colors. Semi-Double petals flower on branching plants. Vigorous with a long flowering period.
7028	Santa Fe Sunset F1	60 - 70	Light Orange to Burgundy	4 ½ - 5 ½'	5 - 8"	Branching	Pollenless: Stunning single bloom variety with light orange petals that deepen in color towards the center.
7015	Sunrich Orange F1	60 - 70	Golden Orange	4 - 5'	4 - 6"	Single Stem	Pollenless: Highly uniform with a single stem. Beautiful blooms are often considered the standard for sunflowers. Excellent for cut flower production.
7044	Sunnyside F1	60 - 70	Golden Orange	4 - 5'	4 - 6"	Single Stem	Pollenless: Great for cut flowers with a consistent height.
7020	Sunbright Supreme F1	60 - 70	Golden Yellow	4 ½ - 5 ½'	5 - 8"	Single Stem	Pollenless: Tall plant provides beautiful golden yellow flowers with rounded petals, rigid stems and dark brown disk.
7036	Terracotta F1	60 - 70	Rust	4 - 6'	4 - 7"	Branching	Pollenless: Perfect clay color between orange and red for fall displays.
7037	Starburst™ Lemon Éclair F1	65 - 75	Lemon with Brown Center	4 - 6'	3 - 4"	Branching	Pollenless: Distinctively double blooms. Narrow plantings encourage plants with a dominant center flower that is perfect for cutting, give it space and it will develop branches bearing smaller flowers.





7017 Big Smile



7004 Dwarf Sunspot



7046 Carousel



7041 Dwarf Incredible

	Variety	Relative Days	Prominent Color	Approximate Height	Average Flower Size	Type	Characteristics
7017	Big Smile	50 - 55	Golden Yellow	6 - 20"	5 - 8"	Single Stem	An early blooming, single stem, dwarf plant produces excellent flowers with beautiful petals and dark center. Great in field or pots.
7004	Dwarf Sunspot	55 - 60	Orange - Yellow	2'	10 - 12"	Single Stem	Compact bushes, flower heads filled with edible seeds, blooms about 9 weeks from sowing.
7046	Carousel	60 - 90	Lemon Yellow	3 - 4'	4 - 6"	Branching	Dwarf type that shows very little lower stem, good for borders and beds.
7041	Dwarf Incredible	60 - 70	Yellow	2 - 3'	7 - 9"	Branching	Great for beds, borders and large containers. Plants have large leaves.
7021	Black Russian	65 - 70	Yellow	up to 12'	15 - 18"	Single Stem	Very tall plants produce huge flowers with gorgeous black seeds. Multi-use plant; leaves can be cattle food and stem fiber can be used for paper or dried for a firewood substitute.
7042	Earthwalker	65 - 75	Orange, Bronze, Rust	5 - 7'	9 - 10"	Branching	Vigorous plant with eye catching colors. Provides pollen for bees.
7022	Mardi Gras Blend - Dwarf	70 +	Pale Yellow to Dark Red	2 - 3'	5"	Branching	Free flowering and multiple branched plants with strong stems produce a beautiful blend full of attractive colors.
7023	Mardi Gras Blend - Tall	70 +	Pale Yellow to Dark Red	6 - 7'	5"	Branching	Produces the same beautiful blend as the dwarf version but on a much taller, still multi-branched plant.
7040	Ice Cream	70 +	Cream, Yellow	5 - 7'	5 - 8"	Branching	Dark centers with a brighter yellow halo give excellent contrast to the creamy blooms. Drought and salt tolerant and make a good stabilizer for sandy soil.
7003	Lemon Queen	70 - 90	Pale Yellow	6 - 7'	5 - 8"	Branching	Pale lemon yellow with dark centers. Free flowering, multibranched and flowered, plants with strong stems.
7002	Velvet Queen	70 - 100	Burgundy	5 - 7'	5 - 8"	Branching	Velvety blooms are a stunning combination of burgundy, chestnut, and bronze with a dark center. Well branched, multiple flowered.
7012	Chocolate Cherry	75 - 90	Chocolate-Burgundy	6 - 7'	5 - 8"	Branching	Pollenless. Produces stunning chocolate-burgundy ray petals that surround dark center disks.
7024	Skyscraper	78 - 80	Soft Yellow	12'	14"	Single Stem	Wonderfully tall plants produce large beautiful flowers with large edible seeds.
7034	Henry Wilde	90 - 100	Golden Yellow	5 - 6'	7 - 10"	Branching	Very old cultivar that is easy to grow. Great provider of pollen and nectar for pollinators.



7021 Black Russian



7042 Earthwalker



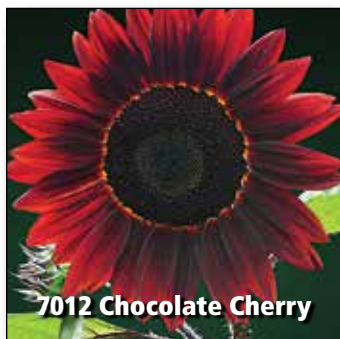
7022 / 7023 Mardi Gras



7040 Ice Cream



7003 Lemon Queen



7012 Chocolate Cherry

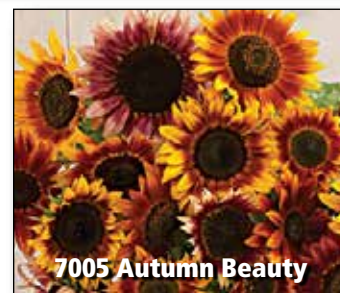
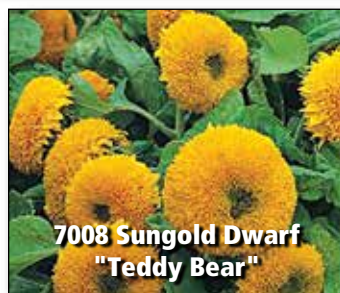


7024 Skyscraper



7034 Henry Wilde

Sunflowers - Open Pollinated (continued)



	Variety	Relative Days	Prominent Color	Approximate Height	Average Flower Size	Type	Characteristics
7008	Sungold Dwarf "Teddy Bear"	80 - 100	Golden Yellow	2 - 3'	4 - 7"	Branching	Dwarf teddy bear-type is different than regular sunflowers. Short plants produce stunning, fully-doubled yellow flowers that resemble a soft, fluffy pillow.
7001	Mammoth Grey Striped	90 - 100	Orange - Yellow	9 - 12'	8 - 14"	Single Stem	Enormous yellow flowers yield a whopper crop of seeds! High oil content makes for great roasted flavor.
7043	Mongolian Giant	90 - 100	Orange - Yellow	12 - 14'	16 - 18"	Single Stem	One of the tallest sunflowers, with massive blooms. Produces the longest seed great for snacking when roasted. Stake stalks if your area is windy.
7005	Autumn Beauty	90 - 110	Yellow, Bronze Burgundy, Purple	4 - 6'	6 - 8"	Branching	Exceptionally beautiful flowers are multicolored and multibranching. Flower buds are edible with a bittersweet flavor.
7006	Evening Sun	90 - 110	Bright Yellow, Crimson, Rust, Bronze	6 - 8'	6 - 8"	Branching	This beautiful variety produces a beautiful array of colors over a long season. Many flowers are bicolored.
7007	Sungold Tall	90 - 110	Golden Yellow	5 - 6'	6 - 8"	Branching	Tall teddy bear-type is different than regular types. Large plants produce stunning, fully-doubled yellow flowers that resemble a soft, fluffy pillow.
7013	Black Oil	110	Yellow, Orange	8 - 10'	10 - 12"	Single Stem	Used for oil production, bird feed, and shoots. Works as a warm-season cover crop. For shoots harvest at 3-4" and use in salads, as garnish or eat fresh.
7010	Maximilian	150	Yellow	3 - 8'	3"	Singles & Clusters	Perennial variety, also known as prairie sunflower. Yellow-gold blooms grow in clusters and bunches. Known to be deer resistant and drought tolerant.

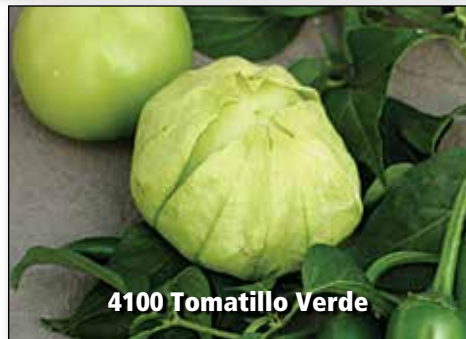


SWISS CHARD — Listed by Maturity



	Variety	Relative Days	Stem Color(s)	Characteristics
3935	White Cloud	52	White	Heat tolerant and produces smooth, thick, and broad white stalks w/ crumpled medium dark-green leaves.
3916	Northern Lights Mix	54	Gold, Red, Magenta, White	Crinkled, lightly savoyed green leaves on 22 - 25" plants. Very beautiful and ornamental.
3905	Bright Lights	55	Gold, Pink, Orange, Purple, Red, White	Stems have bright and pastel variations. Lightly savoyed, green or bronze leaves. Taste is milder than ordinary chard, with each color a bit different. Slightly less frost hardy than normal chard.
3910	Fordhook Giant	55	White	Thick, medium green, leaves are tender, savoyed, and fleshy.
3908	Rainbow (Five Color Australian)	60	Yellow, Pink, Orange, Red, White	Beautiful variety of popular colors. Mild taste varies by color.
3919	Peppermint	60	Pink Striped	Uniform, dark green savoy leaves with bottom petiole in beautiful pink.
3923	Pink Lipstick	60	Magenta	Stems and petioles are true magenta pink. Color intensity may vary w/ light conditions. Savoyed.
3930	Rhubarb (Ruby Red)	60	Scarlet Red	Beautiful bright green leaves with red veining. Leaves and stems are both delicious.

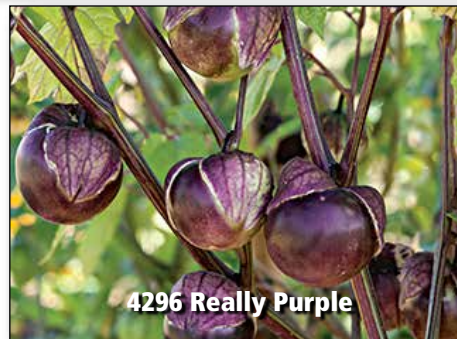
TOMATILLO



4100 Tomatillo Verde



4299 Tamayo F1

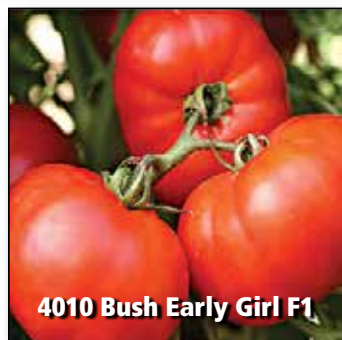


4296 Really Purple

	Variety	Relative Days	Characteristics
4100	Tomatillo Verde	60	Green 2 - 3" fruit have a unique sweet-sour flavor. Encased in a papery husk.
4299	Tamayo F1	65	Indeterminate plants are tall and vigorous with semi-open habit. Firm and uniform, husk covered fruit have an intense green color. Provides uniform fruit with 2½" to 3" diameter and above average shelf life.
4296	Really Purple Tomatillo	75	Darkest purple tomatillo on the market. 4' plants produce huge set of deep purple fruit with purple blushed husks.

TOMATOES

Tomatoes - Red Fresh Market **Determinate** Hybrids — Listed by Maturity



4010 Bush Early Girl F1



4021 Bush Champion II F1



4291 Roadster F1

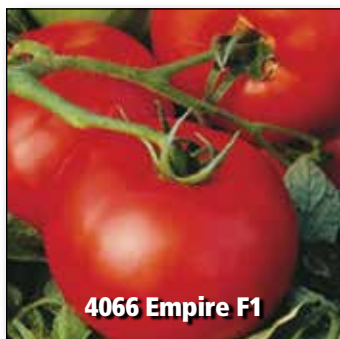


4015 Celebrity Supreme F1

	Variety	Relative Days	Size (oz.)	Shape	Resistance / Tolerance	Characteristics
4010	Bush Early Girl F1	54	6 - 7	Oblate	Fol(1,2), M, V	Deep red exterior and interior color with excellent flavor. Compact plant habit.
4021	Bush Champion II F1	65	9 - 12	Oblate	Aal, Fol(1), Ss, V	Compact plant (24" tall) yields plenty of big, meaty tomatoes with excellent flavor.
4291	Roadster F1	65 - 70	8 - 12	Globe	Aal, Fol(1-3), For, V, Ss, V, TWSV	Large and early, this variety is very firm and smooth-shouldered. Suited for mature green and vine ripe markets. Superior flavor and rich red color. Very high yielding.
4015	Celebrity Supreme F1	68 - 73	8 - 12	Globe	Aal, Fol(1,2), For, V, Ss, TSWV, TYLCV	Celebrity type, excellent eating quality. Widely adapted with high yield potential. Can be used for mature green and vine ripe markets. Firm with good shelf life.
4085	STM2255 F1	68 - 73	8 - 12	Globe	Aal, Fol(1,2), For, V, Ss, TSWV, TYLCV	Very versatile and adaptable with high yield potential. Great flavor and firm with a good shelf life. Benefits from pruning.
4066	Empire F1	70	8	Deep Oblate	Aal, Fol(1,2), M, Ss, TMV, V	Heavy-concentrated fruit set. Crack-resistant. Can harvest pink.
4173	Mountain Man F1	70	9 - 12	Globe	TSWV	Delicious, well balanced flavor between sweetness and acidity. Early and high yielding. Continuous setting, uniform extra-large fruit. Deep red inside and out.
4050	Patio F1	70	4	Deep Oblate	Aal, Fol(1)	Large yields. Dwarf plant habit, excellent for containers.



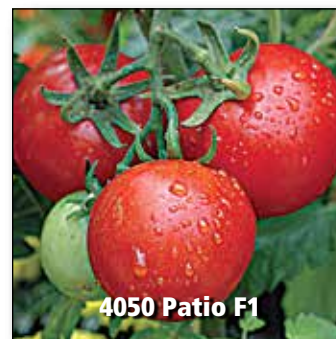
4085 STM2255 F1



4066 Empire F1



4173 Mountain Man F1



4050 Patio F1

TOMATOES

Tomatoes - Red Fresh Market **Determinate** Hybrids — Listed by Maturity

4049 Red Snapper F1



4016 Celebrity Plus F1



4074 Florida 91 F1



4114 Red Deuce F1

	Variety	Relative Days	Size (oz.)	Shape	Resistance / Tolerance	Characteristics
4049	Red Snapper F1	70 - 75	8 - 12	Deep Oblate	Aal, Fol(1,2), Ss, TswV, V	Hot Set: Fruit are firm with a good shelf-life and attractive color. High yielding plants are medium to tall and benefit from pruning.
4016	Celebrity Plus F1	72	8	Deep Oblate	Aal, Fol(0-2), M, N, Ss, TMV(0-2), TSWV, V	Firm fruit with great flavor. Performs well under adverse conditions.
4074	Florida 91 F1	72	10	Deep Oblate	Aal, Fol(1,2), Ss, V	Hot Set: Strong, healthy vine with heat-set capabilities and large, firm fruit.
4114	Red Deuce F1	72	10	Globe	Fol(1,2), Ss, TMV	Produces big yields and uniform ripening of deep red fruit with great eye-appeal and good eating quality.
4034	Maverick F1	72	8	Round	Fol(1-3), For, ToMV, PM, Pi Ss, M, FF, TSWV, TYLCV	Late Blight Resistant: "Talk to me Goose" and tell me about a great disease package that is perfect for use in high tunnels.
4024	Camaro F1	72 - 75	10 - 14	Globe	Aal, Fol(1-3), Ss TYLCV, V	Hot Set: Produces early maturing, extra-large and firm deep red, globe shaped fruit with smooth shoulders. Mid-compact plant that requires little to no pruning.
4069	Thunderbird F1	72 - 75	7 - 12	Round	Aal, Fol, For, V, Ss, TYLCV	Hot Set: Thrives under warm, wet conditions. High yield potential on strong manageable plants that have good cover. Fruit are extra-large, firm and have good flavor and deep red interiors. Good for home garden, fresh market, and more.
4081	Galahad F1	73	7 - 12	Round	Fol(1-3), Ss, N, Pi, TSWV, V	Late Blight Resistant. Very high yields. Sweet, meaty and crack resistant. Great tomato flavor! Can be harvested with green shoulders and ripened in storage.
4166	Bella Rosa F1	74	10 - 12	Deep Oblate	Aal, Fol(1,2), Ss TSWV, V	Hot Set: High quality, large, firm, smooth-shouldered fruit with good flavor and high yield potential. Suitable for mature green and vine ripe markets.
4022	Better Bush F1	74	5	Flat Globe	Fol(1), M, V	Sweet & meaty. Supportive plant has little need for staking.
4031	BHN 589 F1	74	8 - 10	Deep Oblate	Fol(1,2), TMV, V	Exceptional flavor, yield, and quality. Great for high tunnels. Resists cracking.
4134	Heatmaster F1	75	7	Deep Oblate	Aal, Fol(1,2), M, Ss, ToMV, V	Hot Set: Bred specifically for hot climates, this variety thrives in hot, humid, tropical climates.



4034 Maverick F1



4024 Camaro F1



4069 Thunderbird F1



4081 Galahad F1



4166 Bella Rosa F1



4022 Better Bush F1



4031 BHN 589 F1



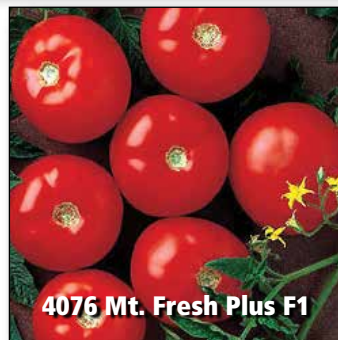
4134 Heatmaster F1



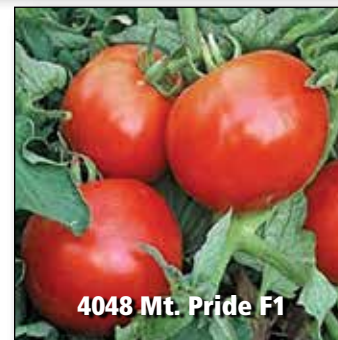
4043 Mt. Merit F1



4294 Red Bounty F1



4076 Mt. Fresh Plus F1



4048 Mt. Pride F1

	Relative Variety	Size Days	(oz.)	Resistance / Shape	Tolerance	Characteristics
4043	Mt. Merit F1	75	8 - 12	Round	Fol, N, Pi, V	Late Blight Resistant. Dark red, crack resistant fruit grow on a compact, uniform plant. Offers true tomato flavor and firm texture.
4294	Red Bounty F1	76	10 - 12	Globe	Fol, Pi, M, Ss, V, TSWV	Hot Set: Late Blight Resistant. Extra-large fruit has good uniformity and heat set ability. Strong plant has great disease resistance and foliage cover.
4076	Mt. Fresh Plus F1	77	8 - 16	Deep Oblate	Fol(1,2), M, V	Cool and wet condition tolerant. Vigorous plants provide plenty of leaf cover.
4048	Mt. Pride F1	77	8 - 10	Deep Oblate	Aal, Fol(1), Ss, V	Fruit has excellent flavor, firm and crack resistant. Plants provide great foliage cover.
4087	Myrtle F1	77 - 82	8 - 11	Deep Oblate	Aal, Fol(1,2,3), M, Ss TSWV, V	Provides large, good quality fruit and a strong disease package. Great for vine ripe markets. Requires little to no pruning.
4077	Grand Marshall F1	78	10 - 12	Deep Oblate	Aal, Fol(1,2), Ss TYLCV, V	Hot set: Deep red fruit have smooth shoulders and perform well for either vine ripe or for mature green gassing. High yield potential.
4030	Mt. Majesty F1	78	8 - 10	Globe	Fol(1,2), TSWV, V	Carries crimson gene for deep red interior color. Plant provides excellent cover.
4007	Amelia F1	80	10 - 12	Oblate	Fol(1,2,3), TSWV, V	Firm, crack resistant fruit are uniform, smooth, and attractive. Good plant cover.
4009	Biltmore F1	80	10 - 12	Deep Oblate	Aal, Fol(1,2), Ss, V	Tasty and smooth fruit are firm with small blossom end scar. Strong Determinate.
4082	Saybrook F1	80 - 85	8 - 10	Round	Aal, Fol(1,2,3), M, Ss TSWV, V	Vigorous plant with great canopy cover that produces a large set of smooth fruit to the top of the plant. High yield potential.



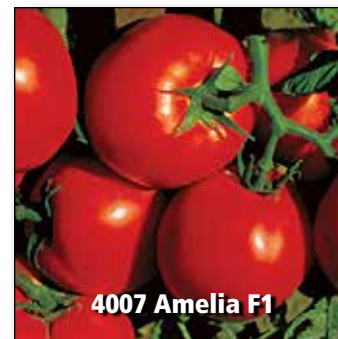
4087 Myrtle F1



4077 Grand Marshall F1



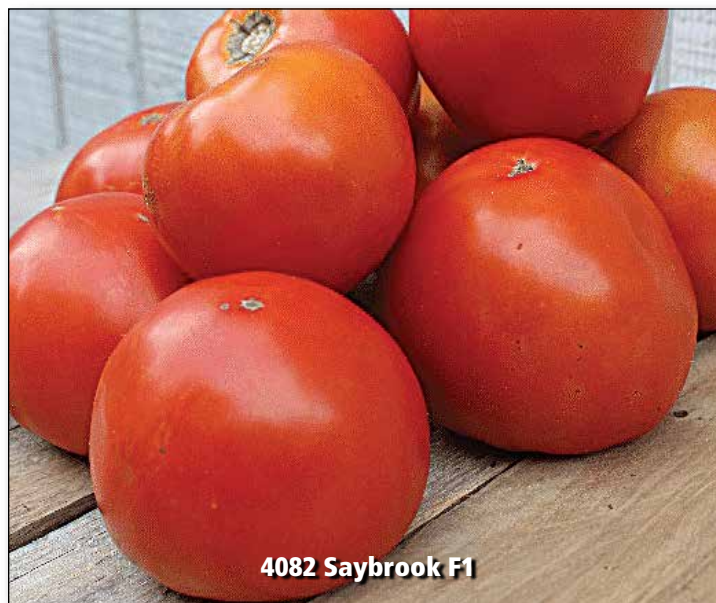
4030 Mt. Majesty F1



4007 Amelia F1



4009 Biltmore F1



4082 Saybrook F1

Tomatoes - Red Fresh Market **Indeterminate Hybrids** — Listed by Maturity

4078 Early Doll F1



4020 Early Girl F1



4161 Early Goliath F1



4039 Jetsetter F1

	Variety	Relative Days	Size (oz.)	Shape	Resistance / Tolerance	Characteristics
4078	Early Doll F1	54	4 - 5 oz.	Globe	—	Very early production of bright red, round fruit that is packed with flavor.
4020	Early Girl F1	54	4 - 5 oz.	Globe	Fol (1,2), V	Sets firm, great tasting fruit early and throughout the season.
4161	Early Goliath (GVS 266) F1	58	6 oz.	Deep Oblate	Aal, Fol (1,2), N, Ss, TMV	Productive with excellent taste, color, appearance, and disease resistance.
4004	Champion II F1	62	10 oz.	Round	Aal, Fol(1,2), M, TYLCV, TMV, V	Meaty, delicious, flavorful, and prolific, this variety also has a great disease package.
4039	Jetsetter F1	64	8 - 10 oz.	Deep Oblate	Aal, Fol(1,2), M, Ss, TMV, V	Large, high yielding plants produce big, meaty fruit with very rich tomato taste.
4054	Goliath F1	70	10 - 16 oz.	Deep Oblate	Fol(1,2) M, TMV, V	Huge, flat beefsteak fruits are very juicy and sweet. High yielding, very vigorous vines.
4067	Super Fantastic F1	70	10 oz.	Oblate	V	Produces high yields of solid, meaty, smooth skinned fruit all season. Best when staked.
4029	Loki F1	70 - 75	6 - 8 oz.	Round	Fol(1,2), FF, N, ToMV, TMV,	High yield potential, on a great tasting tomato. Great for high tunnels and high moisture areas due to it's leaf mold resistance.
4071	Carina F1	72	5 - 6 oz.	Round	Fol(0,1), M, ToMV TYLCV, V	Cluster Type. Vigorous plants produce clusters of 5-6, round, medium-sized, intensely red fruit. Suitable for greenhouse cultivation.
4037	Jet Star F1	72	6 - 8 oz.	Globe	Fol(1), V	Sturdy plants produce large quantities of tasty fruit generally free of cracks/scars. Bright color inside and out.
4084	Genuwine F1	72 - 75	10 - 12 oz.	Deep Globe	—	A great cross of Costoluto Genovese and Brandywine resulting in a delicious slicer.
4001	Better Boy Plus F1	73	8 oz.	Deep Globe	Fol(1), M, V	Deep red, meaty, and amazingly juicy with great flavor. Widely adapted and good for canning or slicing.
4003	Big Beef Plus F1	73	10 - 12 oz.	Deep Globe	Aal, Fol(1-2), M SS, TMV, V	Full flavor, mostly blemish-free, large size. Appreciated for its disease resistance and yield potential.



4054 Goliath F1



4067 Super Fantastic F1



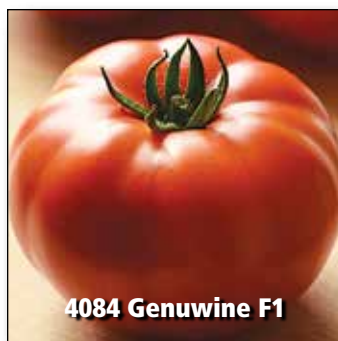
4029 Loki F1



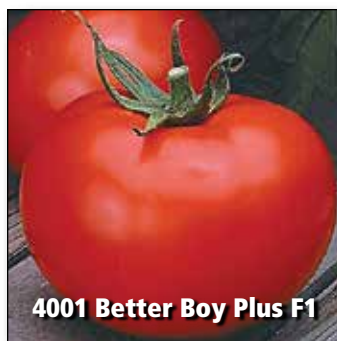
4071 Carina F1



4037 Jet Star F1



4084 Genuwine F1



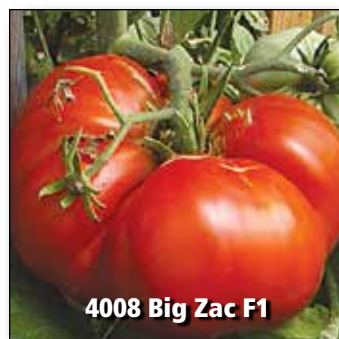
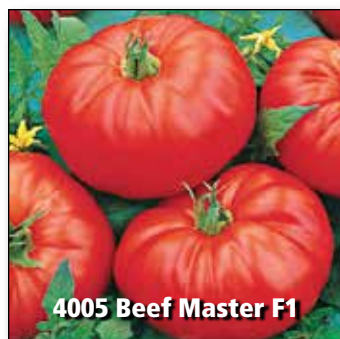
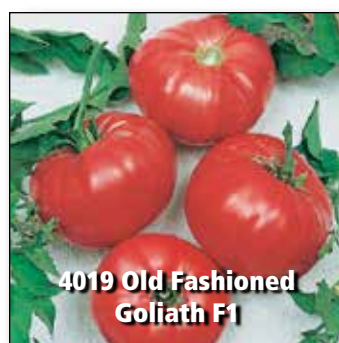
4001 Better Boy Plus F1



4003 Big Beef Plus F1



	Variety	Relative Days	Size (oz.)	Shape	Resistance / Tolerance	Characteristics
4051	Damsel F1	73	10 - 12 oz.	Globe	Pi, N, V	Late Blight Resistant: Fruit have a beautiful pink skin and offer the classic flavor of pink heirloom varieties such as Brandywine and Pruden's Purple but with the benefits of hybrid disease resistance.
4293	Mt. Rouge F1	73 - 80	12 - 14 oz.	Oblate	Fol, Pi, M, Ss, V	Late Blight Resistant: Enjoy generous harvests of this beautiful pink tomato with excellent flavor and nice disease package. Does well in cooler climates. Has an heirloom look with minimal seeds and slices well.
4017	Italian Goliath F1	76	8 - 16 oz.	Deep Oblate	—	Great home garden variety. Vigorous plants produce very flavorful and firm fruit that mature to a bright red.
4123	Bigdena F1	77	10 - 12 oz.	Globe	FF, Fol(2), For TMV, ToMV, V	Vigorous, open plants produce very high yields of uniform fruit that are mostly smooth with slight shoulder ribs. Very good flavor with nice internal color and quality.
4006	Burpee's Big Boy F1	78	8 - 9 oz.	Deep Oblate	—	Long time favorite. Crack resistant. Great flavor.
4089	Cherokee Carbon F1	78	10 - 12 oz.	Oblate	—	An exciting cross between Cherokee Purple and Carbon to create a robust purple beefsteak with intensely rich flavor and pleasantly sweet taste. Exhibits improved yield, earlier maturity, and fewer blemishes than its heirloom parents.
4019	Old Fashioned Goliath F1	78	13 - 16 oz.	Deep Oblate	Fol 1-2, Pst, N, TMV, V	Very tasty, firm, & flavorful with a deep red color. Good shelf life, crack resistant.
4061	Supersonic F1	79	6 - 8 oz.	Oblate	Fol(1), V	Heavy yields, great tasting, smooth, and crack free.
4025	Beef Maestro F1	80	13 - 16 oz.	Deep Oblate	—	Fruit are very large with a nice red color. This variety is a very tasty, extra large beefsteak tomato.
4005	Beef Master F1	80	20 oz.	Deep Oblate	Aal, Fol(1), M, Ss, Xcv	Italian beefsteak with outstanding taste. Produces excellent yields of very large fruit.
4008	Big Zac F1	80	4 - 6 lbs.	Deep Oblate	—	This beautiful red beefsteak-type is HUGE! Award winning, meaty, and delicious.
4060	Supersteak F1	80	1 - 2 lbs.	Flat Round	Fol (1), M, V	Huge meaty fruit have rich full flavor and are crack resistant. Plants are high yielding.



Tomatoes – High Tunnel / Greenhouse Hybrids — Listed by Type / Maturity



4031 BHN 589 F1



4034 Maverick F1



4029 Loki F1



4123 Bigdena F1

Determinate

	Variety	Relative Days	Size (oz.)	Shape	Resistance / Tolerance	Characteristics
4034	Maverick F1	72	8	Round	Fol(1-3), For, ToMV, PM, Pi Ss, M, FF, TSWV, TYLCV	Late Blight Resistant: "Talk to me Goose" and tell me about a great disease package that is perfect for use in high tunnels.
4031	BHN 589 F1	74	8 - 10	Deep Oblate	Fol(1,2), TMV, V	Great flavor, high yielding, and high quality. Excellent for use in high tunnels. Resists cracking.

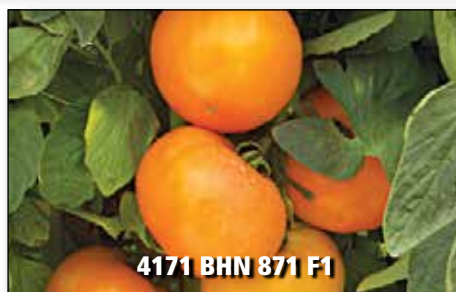
Indeterminate

4029	Loki F1	70 - 75	6 - 8	Round	Fol(1,2), FF, N, ToMV, TMV,	High yield potential, on a great tasting tomato. Great for high tunnels and high moisture areas due to it's leaf mold resistance.
4071	Carina F1	72	5 - 6	Round	Fol(0,1), M, ToMV	Cluster Type. Vigorous plants produces clusters of 5-6, round, medium-sized, intensely red fruit. Suitable for greenhouse cultivation.
4123	Bigdena F1	77	10 - 12	Globe	FF, Fol(2), For TMV, ToMV, V	Vigorous, open plants produce very high yields of uniform fruit that are mostly smooth with slight shoulder ribs. Very good flavor, internal color, and quality.

Tomatoes - Specialty Fresh Market Hybrids — Listed by Type / Maturity



4086 Sunny Boy F1



4171 BHN 871 F1



4065 Carolina Gold F1

Determinate

	Variety	Relative Days	Size (oz.)	Shape	Resistance / Tolerance	Characteristics
4086	Sunny Boy F1	70	5	Globe	—	Bright yellow with very few seeds. Sweet, firm and ship well. Widely adaptable.
4171	BHN 871 F1	74	10 - 12	Globe	Fol(1,2), For, ToMV, V	Smooth and round with a beautiful gold color inside and out. Fruit are firm and meaty with an excellent balanced flavor.
4065	Carolina Gold F1	75	10 - 12	Deep Oblate	Fol(1,2), V	Unique golden-yellow fruit are extra-large and meaty. Flavor is sweet, mild, and low in acidity. Ripen uniformly on vigorous, widely adaptable plants.

Indeterminate

4040	Lemon Boy Plus F1	72	6	Round	Aal, Fol (1), M, Ss, V	Produces good yields of large, bright, lemon yellow tomatoes that are very flavorful.
4053	Pink Girl F1	76	8	Deep Oblate	Aal, Fol(1), Ss, V	Smooth pink hybrid. Good yields. Very flavorful and juicy.
4113	Tye-Dye F1	78	10	Globe	Aal, Ss, V	Bicolor gold and red. Bi-color heirloom flavor but with greater yields, uniformity.
4130	Chef's Choice Purple F1	80	9 - 10	Globe	—	Firm and smooth, this variety is purple inside and out and has exceptional flavor.
4162	Fried Green Tomato F1	80	6 - 7	Globe	—	Very firm apple green to yellow tomato. Plants set well throughout the entire season.
4011	Pink Brandyman F1	80	10	Round	Fol(1), V	Fruit are firm and juicy with rich flavor. Widely adapted.
4093	Pink Delicious F1	84	11	Round	Ss, V, ToMV	Meaty and crack resistant with heirloom flavor. Great balance of sweetness and acidity.



4040 Lemon Boy Plus F1



4113 Tye Dye F1



4162 Fried Green Tomato F1



4093 Pink Delicious F1

Tomatoes - Cocktail Hybrids — Listed by Maturity

Determinate - Red

	Variety	Relative Days	Size	Resistance / Tolerance	Characteristics
4080	Red Racer F1	57	2 - 4 oz.	FF, N, Ss, V	Compact plant provides high yields of great tasting fruit with a good sweet /acid balance. Uniform in size and matures as a cluster of fruits.



4080 Red Racer F1

Tomatoes - Roma Hybrids — Listed by Type / Maturity



4056 Mariana F1



4055P Picus F1 - Pelleted



4063 Plum Regal F1



4068P BHN 685 - Pelleted

Determinate

	Variety	Relative Days	Size (oz.)	Shape	Resistance / Tolerance	Characteristics
4056	Mariana F1	70	4 - 6	Cylindrical	Aal, Fol(1,2), Ss	Hot Set: High yielding with a good fruit set. Extremely uniform shape, firm with thick walls. Very good flavor.
4058	Daytona F1	72 -75	4 - 6	Cylindrical	Aal, Fol(1,2), Ss TYLCV	Hot Set: Widely adapted with excellent yield potential. Medium compact plants produce smooth, extra large fruit, with good quality, color, firmness and shelf life.
4055P	Picus F1 - Pelleted	75	4	Cylindrical	Aal, Fol(1), Ss, TSWV, V	Hot Set: Vigorous plant provides good cover. Fruit is uniform and blocky.
4063	Plum Regal F1	75	4	Cylindrical	Fol(1,2), Pi, TSWV, V, As	Late Blight Resistant: Medium plants produce high yields of blocky fruit with a deep red color and good flavor.
4068P	BHN 685 F1-Pelleted	76	4 - 5	Oval	Fol(1,2,3), TSWV, V	Vigorous bush plant. Very large fruit.
4268	La Roma III F1	76	5 - 8	Cylindrical	Aal, Fol(1,2), N	High quality, uniform fruit with excellent flavor and appearance. Vigorous plant.
4288	Saucy Lady™ F1	80	3 - 4	Cylindrical	—	Extremely firm crimson fruit cooks down beautifully to the smoothest sauces and pastes.
4094	San Marzano Yellow F1	123	4 - 5	Cylindrical	Fol, V	High quality fruit that is firm making it ideal for fresh and processing markets.

Indeterminate

4090	San Marzano Hybrid F1	61	4	Cylindrical	—	Better than standard romas. Provides classic Italian flavor with an extra kick.
4012	Marzinera F1	70 - 75	4	Cylindrical	—	Heirloom flavor with higher yields, better uniformity and less blemishes.



4268 La Roma III F1



4288 Saucy Lady™ F1



4090 San Marzano Hybrid F1



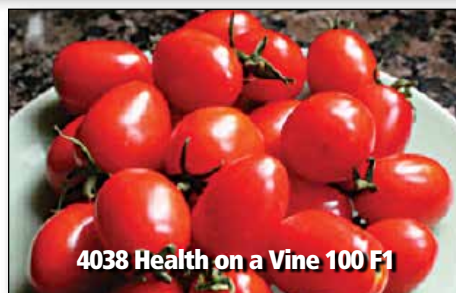
4012 Marzinera F1



4094 San Marzano Yellow F1

Tomatoes - Cherry Hybrids — Listed by Maturity

**4297 Patio Choice
Yellow F1**



4038 Health on a Vine 100 F1



4124 Nature's Bites F1

Determinate - Cherry

	Variety	Relative Days	Size (oz.)	Color	Resistance / Tolerance	Characteristics
4297	Patio Choice Yellow F1	60	½	Bright Yellow	—	Compact plant developed specifically for small spaces and container gardens. Produces very large yields of mild flavored fruit on short vines (18" tall).
4038	Health On A Vine 100 F1	65	up to ½	Red	Fol (2)	(HOV 100) Firm fruit and productive on an easy-to-manage determinate plant.
4124	Nature's Bites F1	70	½ - ¾	Red	Fol(1,2), For, N, TMV	Outstanding flavor. Skin has grape tomato like texture that is crack resistant.



4057 Unicorn F1



4292 Braveheart F1



4041 Orange Zinger F1



**4064 Tomatoberry
Garden F1**

Indeterminate - Cherry

	Variety	Relative Days	Size (oz.)	Color	Resistance / Tolerance	Characteristics
4057	Unicorn F1	50	½	Deep Red	Fol, ToMV, FF, Pst, M	Medium to large fruits have excellent tolerance to cracking, and are firm with a deliciously sweet flavor. Uniform fruit size. Bred for the Eastern U.S.
4042	Sun Gold F1	57	½ - 1	Orange	Fol, TMV	Exceptionally sweet with a bright tangerine-orange color. Vigorous plants yield early and continue to set. Best for fresh market (not recommended for shipping).
4292	Braveheart F1	60 - 70	up to ½	Red	Fol, FF, ToMV, Ss	Used in production, home garden and roadside markets. Very prolific on a more compact plant habit. Excellent flavor and crack resistance with a good shelf life.
4041	Orange Zinger F1	60 - 65	1	Dark Orange	Fol 1	Tasty fruit has big tomato flavor with a balance of sweet and tangy. Crack resistant.
4059	Sweet Million F1	65	1	Red	Fol(1,2), TMV	Very sweet and flavorful. Outstanding yields. Crack resistant.
4062	Supersweet 100 F1	70	1	Red	Fol(1), TMV, V	Nice sugary flavor. Scarlet fruit are produced in long pendulous clusters.
4064	Tomatoberry Garden F1	75	up to ½	Red	—	Fruits have a beautiful, deep red color with a heart-like or triangular appearance.

Tomatoes - Grape Hybrids — Listed by Maturity

4165 Jolly Girl F1



4083 Fantastico F1



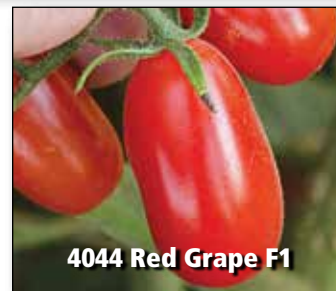
4102 Sun Bliss F1

Determinate - Grape

	Variety	Relative Days	Size (oz.)	Color	Resistance / Tolerance	Characteristics
4165	Jolly Girl F1	55	up to ½	Red	Fol (1,2), V	An outstanding choice with its tremendous flavor and uniformity.
4083	Fantastico F1	60	½	Red	—	Late Blight Tolerant: High yields, easy harvest, and sweet (Brix 8-10%) with extended shelf life
4102	Sun Bliss F1	62	¾ to 1	Yellow	TMV, V	Semi-determinate. Suitable for all season. Very vigorous plant and fruit growth. High yielding, easy to harvest, and sweet (Brix 8-10%) with extended shelf life.


4018 Marzito F1

4052 Sugar Rush F1

4172 Valentine F1

4044 Red Grape F1
Indeterminate - Grape

	Variety	Relative Days	Size (oz.)	Color	Resistance / Tolerance	Characteristics
4018	Marzito F1	50 - 55	1 - 1½	Red	Fol(1), FF, TMV, ToMV, N	Great multi-purpose mini marzano! Can be used for sauce or eaten fresh like a cherry or grape. Firm texture and sweet rich flavor. Great disease package.
4052	Sugar Rush F1	50 - 55	½ - 1	Red	Fol(1), TMV, ToMV	Super-sweet fruit with very high brix, great flavor, and texture. Matures fast and very productive.
4172	Valentine F1	55	up to ½	Red	As	Delicious high-lycopene grape. Produces massive early yields of deep red colored fruit rich in flavor and a long shelf life.
4044	Red Grape F1	59	up to ½	Red	Fol(2), N, TMV	Bright red fruit are an excellent size. Good for open field or in a greenhouse.
4290	Gold Spark F1	60	½	Yellow	ToMV 0-2, FF	Great taste and yield potential. Large and uniform in size and brix, it also has an excellent shelf life. Crack resistant.
4028	Juliet F1	60	2	Large Red	As, Pi	Large grape. Deep red, shiny fruit. Good crack resistance and shelf life.
4088	Morning Light F1	60	up to ½	Yellow	—	Prolific with true yellow color. Extended harvest period. Single stem pruning recommended.
4033	Sweet Hearts F1	60	¼	Red	Fol(1), TMV	Brilliant red, very uniform, and excellent flavor with hi-brix. Impressive yields with continuous sets and full clusters. Excellent shelf life and crack resistant.
4136	Sunsugar F1	62	½	Yellow	—	Very sweet with superb texture, thin skin, and "true tomato" taste. Crack resistant.
4026	Sugar Plum F1	67	1	Red	—	This variety is a wonderful large grape/plum shaped tomato that has excellent sweet flavor. Sets in large clusters, producing high yields. Great for salads and snacking.
4027	Smarty F1	69	½ - 1	Red	Fol(1), V	Provides intense color, high sugar, full flavor, and great texture. Crack resistant.


4290 Gold Spark F1

4028 Juliet F1

4088 Morning Light F1

4033 Sweet Hearts F1

4136 Sunsugar F1

4026 Sugar Plum F1

4027 Smarty F1
TOMATO ROOTSTOCK

	Variety	Resistance / Tolerance	Characteristics
6050	Maxifort F1	Fol (1,2), For, N, Pl, TMV, V	Adds a very high level of vigor. Disease resistance is not transferred to the scion plant.


6050 Maxifort F1

As a general rule, start your rootstock and scion plant at the same time so the stem diameters match when it's time to graft.



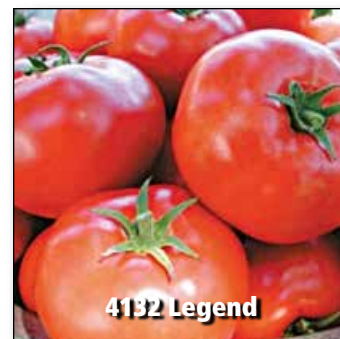
4230 Independence Day



4110 Mr. Stripey

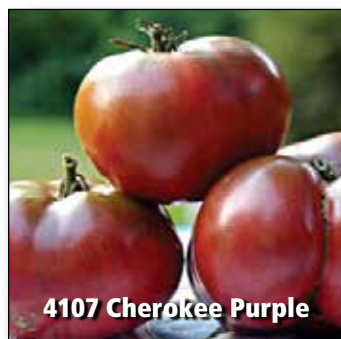


4255 New Yorker

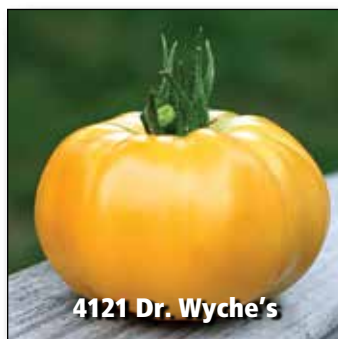


4132 Legend

	Variety	Relative Days	Habit	Color	Size	Characteristics
4230	Independence Day	55	Indet.	Pink	3 - 4 oz.	Round, 2 to 3" fruit have nice flavor for such an early variety.
4110	Mr. Stripey	60	Indet.	Red-Yellow	1 - 3 lbs.	Yellow fruit with red stripes on rough shoulders.
4255	New Yorker	64	Deter.	Red	4 - 6 oz.	Cool weather variety. Disease resistant: V.
4218	Fireworks	65	Indet.	Bright Red	8 - 10 oz.	Early, high yielding with great color. Delicious fresh or canned.
4132	Legend	68	Deter.	Red	8 oz.	Strong tolerance to late blight. Glossy and uniform.
4118	Black Krim	69	Indet.	Dark Maroon	8 oz.	Dark color with green shoulders. Wonderfully rich flavor.
4107	Cherokee Purple	72	Indet.	Pink-Purple	6 - 12 oz.	Sweet rich flavor. Deep pink/purple with green shoulders.
4122	Green Zebra	72	Indet.	Green	3 - 4 oz.	Tangy flavor. Ripe when yellow blush emerges.
4243	Mt. Gold	72	Deter.	Yellow	8 - 12 oz.	Outstanding appearance and holding ability. Mild low acid flavor. Fol(1,2) resistant.
4121	Dr. Wyche's	75	Indet.	Golden Yellow	1 lb.	Produces heavy yields of large fruit with meaty flesh and rich flavor.
4109	Evergreen	75	Indet.	Green	8 oz.	Skin ripens to yellow. Flesh remains green inside.
4267	Rose	75	Indet.	Deep Pink	10 - 12 oz.	Strong plants produce large, meaty beefsteak with good leaf cover and great flavor.
4154	Valencia	76	Indet.	Orange	8 - 10 oz.	Fruit are round and smooth with few seeds. Excellent flavor and texture.
4295	Yellow Stuffer	76	Indet.	Yellow	4 - 8 oz.	Looks like a yellow bell pepper.
4216	Delicious	77	Indet.	Red	1 - 1½ lbs.	Large, meaty, and juicy. Resists cracking.
4119	Black Brandywine	80	Indet.	Mahogany	12 - 16 oz.	Deep color, great flavor, potato leaf foliage.
4106	Boxcar Willie	80	Indet.	Red	10 oz.	Smooth red fruit with old fashioned flavor.
4210	Carbon	80	Indet.	Purplish-Brown	10 - 12 oz.	Rich and sweet flavor. Very dark exterior with deep red flesh.
4115	German Johnson	80	Indet.	Red-Pink	up to 1 lb.	Red-Pink fruit are very smooth on top. Nice classic flavor.
4127	Homestead	80	Deter.	Red	7 - 8 oz.	Large plants have heavy foliage. Fruit is firm and meaty.



4107 Cherokee Purple



4121 Dr. Wyche's



4109 Evergreen



4267 Rose



4295 Yellow Stuffer



4216 Delicious



4106 Boxcar Willie



4210 Carbon



4238 Marglobe



4138 Old German

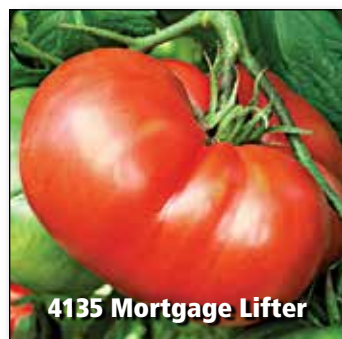


4105 Pink Brandywine



4150 Tiffen Mennonite

	Variety	Relative Days	Habit	Color	Size	Characteristics
4231	Jubilee	80	Indet.	Gold	8 oz.	Deep gold color. Low acidity, sweet and meaty.
4238	Marglobe	80	Deter.	Red	6 oz.	Crack and disease resistant: Fol(1,2), V.
4138	Old German	80	Indet.	Red-Yellow	1 - 3 lbs.	Red-Orange flesh. Very flavorful.
4105	Pink Brandywine	80	Indet.	Pink	1 - 1½ lbs.	Flesh is light rosy pink and wonderfully delicious. Potato leaf foliage.
4150	Tiffen Mennonite	80	Indet.	Pink	1 lb.	Sweet and tangy flavor, very juicy.
4135	Mortgage Lifter	82	Indet.	Pink	2 - 4 lbs.	Huge beefsteak. Excellent flavor with low acid.
4208	Beefsteak	83	Indet.	Red	2 lbs.	Probably the most famous tomato. Large and juicy.
4108	Costoluto Genovese	85	Indet.	Red	6 oz.	Deeply ribbed, Italian heirloom with great taste.
4148	Djena Lee's Golden Girl	85	Indet.	Yellow - Orange	8 - 10 oz.	High yielding, meaty, and has an ideal balance of acid and sugar.
4128	German Pink (Potato Leaf)	85	Indet.	Deep Pink	1 - 2 lbs.	Meaty flesh, few seeds, and very little cracking or blossom scars.
4125	Hillbilly	85	Indet.	Red-Yellow	2 lbs.	Orange, Yellow, and Red with Pink streaks.
4133	Italian Giant Beefsteak	85	Indet.	Red	1 lb.	High yielding. Very flavorful and meaty.
4259	Oxheart	85	Indet.	Pink	1 lb.	Heart shaped. Good flavor and productivity.
4140	Pineapple	85	Indet.	Red-Yellow	1 - 2 lbs.	Great old fashioned, full bodied flavor.
4261	Ponderosa Pink	85	Indet.	Pink	1 lb.	Nearly seedless, low acidity and meaty.
4271	Rutgers	85	Deter.	Red	6 oz.	Smooth, thick, and crack resistant.
4155	Yellow Brandywine	95	Indet.	Yellow	1 - 1½ lbs.	Rich and delicious. Good yields of large fruit.
4241	Kentucky Beefsteak	100	Indet.	Orange	1 - 2 lbs.	Attractive and flavorful.



4135 Mortgage Lifter



4208 Beefsteak



4108 Costoluto Genovese



4148 Djena Lee's



4259 Oxheart



4271 Rutgers



4155 Yellow Brandywine



4241 Kentucky Beefsteak



4156 Yellow Pear



4117 Black Truffle



4276 Striped Roma



4254 Opalka

Roma / Pear

	Variety	Relative Days	Habit	Color	Size (oz.)	Characteristics
4101	Amish Paste	74	Indet.	Bright Red	8 - 12	Delicious flesh is juicy and meaty. Great for sauce.
4266	Roma	76	Deter.	Red	4	Nearly seedless, great for sauce and canning.
4156	Yellow Pear	78	Indet.	Yellow	4	Heavy yields. Fruit is distinctive and tangy.
4275	San Marzano	80	Indet.	Red	4	Excellent for canning, paste, and puree. Mild flavor.
4117	Black Truffle	85	Indet.	Burgundy	4 - 6	Unusual shape and color. Excellent flavor.
4254	Opalka	85	Indet.	Red	4 - 6	Excellent flavor and very few seeds make this a perfect processing tomato. Fruits hold well on the vine.
4276	Striped Roma	85	Indet.	Striped / Speckled Red	4 - 6	Striped and speckled red, yellow and orange with few seeds. Fruit have sweet, true tomato taste.



4151 Yellow Canary



4222 Gold Nugget



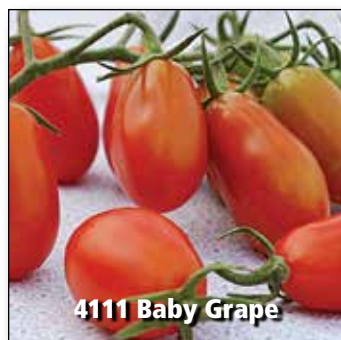
4214 Chocolate Cherry



4145 Artisan-Tiger Mixture

Grape / Cherry

	Variety	Relative Days	Habit	Type	Color	Size (oz.)	Characteristics
4151	Yellow Canary	55	Deter.	Cherry	Golden Yellow	½ - 1	Great for home garden and containers including hanging baskets, offers exceptionally high yields and excellent flavor. Matures very early.
4222	Gold Nugget	60	Deter.	Cherry	Deep Yellow	1	Compact plants bear early. Fruit are round to slightly oval, nearly seedless, and have a delicious mild flavor.
4214	Chocolate Cherry	70	Indet.	Cherry	Dark Burgundy	1	Dark red with deep chocolate shading. Exceptional flavor is delicious and complex. Very productive.
4145	Artisan-Tiger Mixture	70 - 75	Indet.	Cherry / Julienne	Striped Mix	1	A striped mixture of Blush, Green and Pink Tiger. Sweet and juicy with very high yields over an extended period.
4111	Baby Grape	75	Indet.	Grape	Red	1+	1" long plum shaped fruit. Sweet-Spicy flavor.
4263	Red Cherry Large	75	Indet.	Cherry	Red	1	Very productive and flavorful.
4144	Red Pear	75	Indet.	Cherry	Red	½	Pear shaped fruits have high acid and are productive.
4139	Indigo Rose	80	Compact Indet.	Cherry	Dark Purple	1 - 2	Develops early a dark purple pigment in its skin where exposed to direct sunlight. Good flavor with 'plummy' overtones. Exceptionally high in the powerful anti-oxidant Anthocyanins, which gives it the purple coloring.



4111 Baby Grape



4263 Red Cherry Large

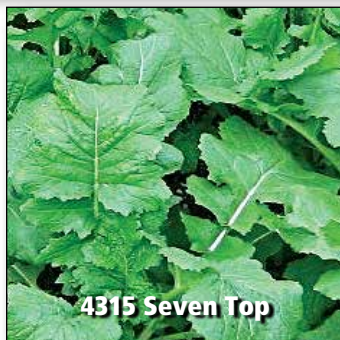


4144 Red Pear



4139 Indigo Rose

TURNIP — Listed by Maturity



	Variety	Relative Days	Characteristics
4330	White Lady F1	40	Sweet, tender, and delicious. Bolt resistant. Tops are suitable for greens. Roots are flattened round, pure-white and slow becoming pithy, harvestable at any stage.
4315	Seven Top	45	Best for Turnip Greens. 20 - 22" cut leaf, very dark green. Flesh not edible. Good for stock feed.
4310	Royal Crown F1	52	Faster growing and much more uniform than the OP strains. Dark green tops are short and are well suited for greens. The root is slightly flat-globed and smooth.
4305	Purple Top White Globe	55	The roots grow to good size, 6" or more in diameter. They are nearly round and rich purplish red on the upper part of the root. The lower portion is creamy white. Flesh is white, firm, crisp, and of remarkably mild flavor. Suitable for freezing.
4325	White Egg	65	Egg-shaped, this turnip is white with green-white tinted crown. Flesh is crisp, sweet and tender. Useful garden and market variety.
4303	Golden Yellow Globe	75	Globe-shaped, yellow and smooth. Fine-grained fruit with fine flavor.



WATERMELON

Triploid or "Seedless" Watermelon —

- Does not produce sufficient viable pollen to induce fruit set and development. Pollen from a diploid seeded watermelon or Triploid pollenizer must be provided.
- Triploid seeds have a thicker seed coat than diploid seeds which results in poorer germination even under the best conditions.
- Triploid seeds will NOT germinate in the field.
- Triploid transplants are very sensitive to cold injury and other stresses. Consequently, neither early germination nor seedling development is as vigorous as it is for standard diploid plants. Once established, triploid watermelon seedlings show vigorous vegetative growth.
- Under stress conditions, some hard, black seeds may develop. For this reason you may see triploids advertised as "virtually seedless" to warn consumers of the occasional hard, black seed.
- Since there are few or no seeds to serve as deterioration loci, the melons are slow to develop a mealy texture or become overripe which can result in a longer shelf life.

Triploid Best Practices — Germination requirements for seedless watermelon are much more precise than for conventional watermelon varieties.

1. Requires temperatures above 80°F (compared to 55°F for diploids).
2. Seed germination and seedling emergence are slower with seedless varieties making them extremely susceptible to fungal attack. Excessive water during germination must be avoided.
3. Since field soil temperature at most locations is almost always below 80°F at seeding time (for spring production) and heavy rains are possible, use of containerized transplants is critical.

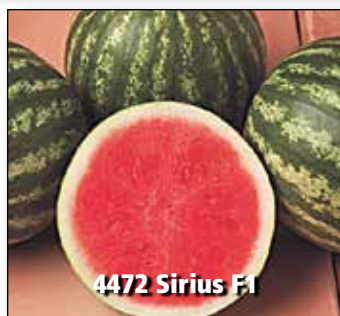
Please see Watermelon - Seedless Addendum under the "Growing Information" link on our website at:

<https://www.holmesseed.com/growing-information-production-sheets/>

Watermelon Hybrid Triploid - Seedless — Red — Listed by Maturity



4465 Pee Dee Sweet F1



4472 Sirius F1



4486 Sweet Dawn F1



4460 Sweet Trick F1

	Variety	Relative Days	Size (lbs.)	Shape	Rind	Flesh	Resistance / Tolerance	Characteristics
4465	Pee Dee Sweet F1	72 - 75	16 - 22	Round Oval	Light green with dark green stripes	Bright Red	Fon	High brix with outstanding flavor. Tolerant to Fusarium Wilt and Gummy Stem Blight.
4472	Sirius F1	74	5 ½ - 6 ½	Globe	Light green with dark green stripes	Bright Red	Fon	Personal size with a medium thick rind, small to medium pip size, great color, appearance, and flavor.
4486	Sweet Dawn F1	74	16 - 20	Blocky	Light Green with Medium Green Stripes	Dark Red	Co, Fon	Early maturity with firm flesh and smooth skin. Has shown less hollow heart issues than other early varieties. Great flavor, consistent yield potential and nice size for earliness.
4460	Sweet Trick F1	75 - 77	11 - 15	Blocky Round	Dark Green	Deep Red	Co, Fon	Easy to handle size and firm flesh is packed with sweet flavor. Uniform with reliable yields. Great for fresh cut. 12% Brix
4481	Jet Ski F1	78	13 - 15	Blocky Round	Green with mottled dark green stripes	Dark Red	Fon	Consistent high brix averages (12.6 % potential) and low incidence of hollow heart and hard spot. Uniform shape and size.
4487	Sweet Gem F1	79	13 - 16	Round	Dark Green	Dark Red	—	Ideal for roadside markets, this variety has a rich, glossy dark green rind, giving it a classy look. Excellent yield potential. Firm red flesh has small pips and crisp, mouth-watering flavor.
4479	Valor F1	79	14 - 17	Blocky	Medium - Dark Green Pixelated dark green stripes	Deep Red	Co, Fon	Early, with firm flesh. Ideal for retail either whole or fresh cut. Higher fruit set.
4463	Dark Knight F1	80	14 - 17	Round	Very Dark Green	Dark Red	Co, Fon PM	Slightly larger than Sweet Gem, this variety has high sweetness, a medium/firm texture, small pips, and excellent flesh quality. Resists Hollow Heart.
4467	Eclipse F1	80	10 - 12	Round	Narrow green stripe on black background	Red	—	Flavorful round Sugar Baby type with excellent rind demarcation and good red flesh color.
4462	Fascination F1	80	16 - 20	Blocky Oval	Dark green striped	Deep Red	Co, Fon	Excellent quality fruit with firm flesh that has very small pips and great flavor. Strong yielding. Ships and holds well after harvest.
4454	Bold Ruler F1	83	16 - 20	Round Oval	Dark green with green stripes	Bright Red	—	Extremely uniform fruit. Flesh is sweet, crisp, and dense. Sets well in cool conditions.
4452	Sorbet F1	83	11 - 13	Round	Dark green with broad, dark stripes	Bright Red	Co, Fon	Produces heavy crops of uniform sized fruit. Rinds are narrow, very strong, and hold well. Flesh has superb eating quality.



4481 Jet Ski F1



4487 Sweet Gem F1



4479 Valor F1



4463 Dark Knight F1



4467 Eclipse F1



4462 Fascination F1



4454 Bold Ruler F1



4452 Sorbet F1


4468 SWT7829 F1

4493 Tailgate F1

4490 Bottle Rocket F1

4497 Joy Ride F1

	Variety	Relative Days	Size (lbs.)	Shape	Rind	Flesh	Resistance / Tolerance	Characteristics
4468	SWT7829 F1	83	16 - 20	Round Oval	Dark green with light green stripes	Bright Red	Co, Fon	Has firm flesh, and extremely small, thin and low count pips. Uniform with good fruit setting. Sets early in cool conditions.
4493	Tailgate F1	84	17 - 21	Oblong	Green with mottled dark green stripes	Deep Red	Co, Fon	Vigorous plant with good vine coverage. Firm, small pips, and high brix potential. Excellent hollow heart traits. Widely adaptable.
4490	Bottle Rocket F1	85	18 - 21	Elongated Round	Green with mottled dark green stripes	Deep Red	Co, Fon	Deep red flesh is very sweet (12% brix). Attractive dark mottled rind pattern. High performance and dependability. 36 count size
4497	Joy Ride F1	85	19	Oblong	Medium Green with dark green stripes	Deep Red	Co, Fon	Robust and vigorous plant with good canopy coverage produces consistent 36-count size melons with thick rinds and firm fruit with an 11.5% average brix.
4471	Ruby F1	85	15	Oval	Medium green with dark green stripes	Bright Red	Co, Fon	Very attractive with good color retention. Produces a heavy, uniform crop. Flesh is sweet, crisp, and delicious.
4474	Shoreline F1	85	13 - 17	Oblong	Dark Mottled with stripes	Red	Co, Fon	Uniform with an attractive mottled stripe rind pattern. Great rind and flesh definition. Good holding ability. 45 count size.
4476	Summer Slice SV0241 F1	85	13 - 16	Oblong	Light green with medium green stripes	Red	Co, Fon	Excellent interior quality, beautiful rind, very uniform, with exceptional firmness and sweet taste.
4469	Captivation F1	89	14 -17	Blocky	Deep green with light green stripes	Dark Red	Co, Fon	Firm texture and small pip size, uniform consistent fruit size and shape provides a high quality product.
4456	Affirmed F1	90	16 - 20	Round Oval	Dark green with light green stripes	Bright Red	—	Flesh is bright red, and crisp with good demarcation and density. Yields are uniform and consistent.
4466	Belmont F1	90	6 - 10	Round Oval	Medium green with dark green stripes	Deep Red	Co, Fon	Strong, vigorous vine produces high quality fruit with extremely firm flesh with deep color. Uniform with excellent yield potential.
4457	Crunchy Red F1	90	15 - 18	Blocky Round	Light green with medium green stripes	Dark Pink	—	Sweet interior has medium-fine crisp texture. Large vigorous vines have a concentrated set and provide sunburn protection.


4471 Ruby F1

4474 Shoreline F1

4476 Summer Slice SV0241 F1

4469 Captivation F1

4456 Affirmed F1

4466 Belmont F1

4457 Crunchy Red F1

Watermelon Hybrid Triploid - Seedless - (continued) — Orange & Yellow — Listed by Maturity


4496 Amarillo F1



4461 Lemon Ice F1



4489 Yellow Buttercup F1

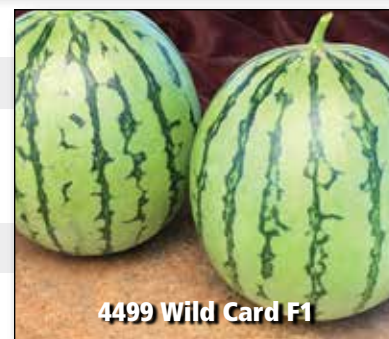


4475 Orange Crisp F1

	Variety	Relative Days	Rind	Size (lbs.)	Shape	Flesh	Resistance / Tolerance	Characteristics
4496	Amarillo F1	82	Medium green with dark green stripes	13 - 15	Globe	Deep Yellow	—	Broadly adaptable with a distinctive rind pattern and sweet flesh.
4461	Lemon Ice F1	85	Light green with dark green stripes	10 - 12	Round	Lemon Yellow	—	Beautiful lemon yellow flesh is firm and crisp, with a high brix. Attractive Jubilee (Tiger) striped rind.
4489	Yellow Buttercup F1	90	Medium green with dark green stripes	14 - 16	Slightly Oval	Bright Yellow	—	Highly regarded for crisp, sweet, dense flesh.
4475	Orange Crisp F1	92	Light green with	14 - 18	Slightly Oval dark green stripes	Deep Orange	—	Sweet, crunchy and flavorful. Firm flesh and a thick rind allow for good shipping. Consistent with good yield potential.

Watermelon - Triploid Pollenizer

	Variety	Characteristics
4448	Ace Plus F1	Non-harvestable: Plant produces long, thin, very sturdy vines with small to medium leaves. Plant habit provides close proximity to the triploid without competition. Provides extended abundance of pollen.
4499	Wild Card Plus F1	Produces early and prolific male flowers to ensure maximum yield potential of triploid hybrids throughout the period of full flowering. Long and thin vines reach out and cover larger areas for better pollination. Non-harvested, small fruits have a tiger-striped rind pattern to easily differentiate from most of the commercial triploid hybrids.
4459	Wingman	An extended flowering pollenizer to increase the likelihood of available pollen during critical flowering of triploid watermelons. Distinguishable small and grey crushable fruit for increased safety during harvest.



4499 Wild Card F1

Watermelon Hybrid Diploid - Seeded — Yellow / Orange (Listed by Maturity)


4437 Lemon Krush F1



4450 Yellow Doll F1



4403 Baby Doll F1



4429 Orange Krush F1

	Variety	Relative Days	Rind	Size (lbs.)	Shape	Flesh	Resistance / Tolerance	Characteristics
4437	Lemon Krush F1	55	Light green rind mottled, dark green stripes	16 - 18	Oblong	Yellow	Fon	Attractive rind with dark stripes. Firm flesh is a beautiful yellow with great taste and high brix.
4450	Yellow Doll F1	65	Light green w/ narrow, dark green stripes	5 - 7	Round	Yellow	—	Very sweet, yellow flesh. Semi-compact vines. Fruit has a thin rind, not recommended for shipping.
4403	Baby Doll F1	70	Light green w/ narrow, dark green stripes	6 - 10	Round	Bright Yellow	—	This yellow fleshed 6-10 lb. melon is an early maturing icebox type. Distinctive bright yellow flesh is crisp and extra sweet.
4429	Orange Krush F1	75	Light green rind mottled, dark green stripes	17 - 20	Oval	Light Orange to yellow	Fon	Unique colored flesh is crisp with good flavor.

Watermelon Hybrid Diploid - Seeded — Red (Listed by Maturity)



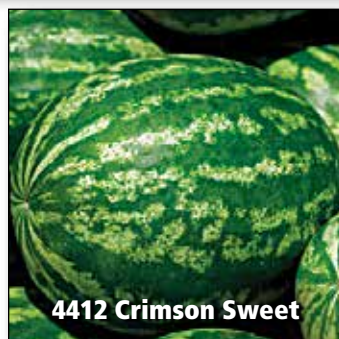
Variety	Relative Days	Rind Type	Size (lbs.)	Shape	Resistance / Flesh Tolerance	Characteristics
4420 Pata Negra F1	75	Very dark green	13 - 16	Round	Bright Red —	Uniform and very dark green with good quality.
4430 Shiny Boy F1	75	Light green rind mottled, dark green stripes.	20	Globe	Red —	Vines can be grown vertically. Great "tropical" flavor with an excellent smooth and glossy rind.
4446 Sweetie Pie F1	75	Black / Dark Green	13	Round	Red —	Sugar baby type. Outstanding sweet flavor with a slightly crunchy texture and very juicy. Fruit have a dark, thin, shiny rind.
4401 Estrella F1	80 - 84	Dark green with light green stripes.	20 - 24	Cylindrical	Red Co, Fon	Early maturing, high yielding, and reliable. Provides uniform shape and refined appearance. Great flavor and internal quality. Small seeds.
4445 Top Gun F1	83	Light green rind mottled, dark green stripes.	21 - 24	Oblong	Red Co, Fon	I feel the need, the need for speed and a watermelon with uniform shape, reliable fruit quality and excellent seedling vigor.
4435 Sangria F1	85	Med. green w/dark green broad mottled stripes	20 - 23	Elongated	Deep Red Co, Fon	Impeccable taste and sweetness. Abundant yields. Widely adapted.
4436 Starbrite F1	85	Med. green w/ thin dark green stripes	22 - 30	Blocky Oblong	Red Co, Fon	Flesh has defined crisp texture and is very sweet. High yielding vigorous vine.
4416 Fantasy F1	87	Med. green with dark green stripes	24 - 26	Elongated	Bright Red Co, Fon	Allsweet type. Produces large, very attractive, and uniform fruit. Flesh is very sweet.
4433 Jamboree F1	88	Med. green w/dark green broad mottled stripes	23 - 27	Elongated Blocky	Bright, Deep Red Co, Fon	Large, very uniform fruit. Flesh has nice texture, with medium size, dark brown seeds.
4427 Sweet Fashion F1	90	Light green rind mottled, dark green stripes.	20 - 25	Blocky Oblong	Bright Red Co, Fon	Vigorous vines produce great yields of quality fruit with dense, flavorful flesh.



Watermelon Diploid - Open Pollinated - Seeded — Listed by Maturity



4451 Yellow Petite



4412 Crimson Sweet



4410 Early Crimson Treat



4438 Sugar Baby

	Variety	Relative Days	Size (lbs.)	Shape	Flesh	Rind Type	Characteristics
4404	Bush Sugar Baby	65	5 - 8	Round	Red - Orange	Dark Green - Black	Icebox type. Very early, with hard, tough rind. Distinct stripes when immature, nearly black at maturity. Vines are compact and determinate.
4451	Yellow Petite	80	5 - 7	Round	Bright Yellow	Light green w/ dark green stripes	Icebox type. Flesh is lightly sweet and refreshing. Tough rind resists cracking.
4412	Crimson Sweet	85	15 - 25	Round	Red - Orange	Light green w/ dark green stripes	Fine-grained flesh with small seeds has excellent flavor. Disease Resistance: Co, Fon.
4410	Early Crimson Treat	85	8 - 10	Round	Bright Red	Light green w/ dark green stripes	Icebox type. Early with excellent quality, yield and rind appearance.
4438	Sugar Baby	85	8 - 12	Round	Bright Red	Very dark green	Icebox type. Sweet, quality fruit. Firm, solid flesh is crisp and delicious.
4423	Moon & Stars	89	10 - 15	Oval	Red / Pink	Dark Green w/bright yellow "stars"	Heirloom variety. Bright yellow spots (stars) with one large spot up to silver dollar size (moon).
4402	All Sweet	90	25 - 30	Elongated	Bright Red	Light green w/ dark green stripes	Produces good yields with few seeds. Very flavorful, extra sweet, and tough rind helps fruit from bruising. Disease Resistance: Co, Fon.
4407	Black Diamond	90	35 - 50	Round	Bright Red	Dark Green - Black	High quality flavorful flesh. Rind is bruise, sunburn, and drought resistant.
4408	Charleston Gray	90	20 - 30	Oblong	Red	Light greenish-gray	High eating quality that is crisp without fiber. Resistant to sunburn, Co, Fon.
4428	Orangeglo	90	25	Oblong	Orange	Light green w/ thin dark green stripes	Fiery orange flesh is sugary, delicious, and crisp.
4442	Tendersweet Orange	90	35 - 40	Oblong	Deep Orange	Dark green with light green stripes	Flesh is crisp and sweet with high sugars. White seed with black markings and tips. Holds well on vine.
4418	Jubilee Improved	95	30 - 40	Oblong	Bright Red	Light green w/ dark green stripes	Tough rind. Crisp, sweet flesh. Disease resistance: Co, Fon.
4409	Mountain Sweet Yellow	95 - 100	20 - 35	Oblong	Deep Yellow	Dark green with light green stripes	Very good producer, high sugar content making it sweet and tasty.



4423 Moon & Stars



4402 All Sweet



4407 Black Diamond



4408 Charleston Gray



4428 Orangeglo



4442 Tendersweet Orange



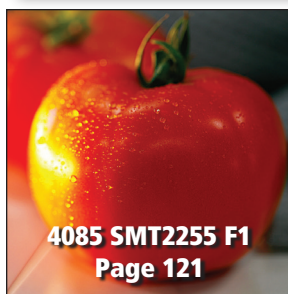
4418 Jubilee Improved



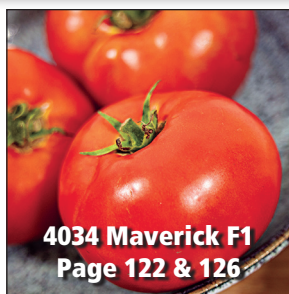
4409 Mountain Sweet Yellow

Performance of all varieties may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years and consider the impacts of those conditions on the grower's field.

2024 - Even More New Offerings



4085 SMT2255 F1
Page 121



4034 Maverick F1
Page 122 & 126



4069 Thunderbird F1
Page 122



4288 Saucy Lady™
Page 127



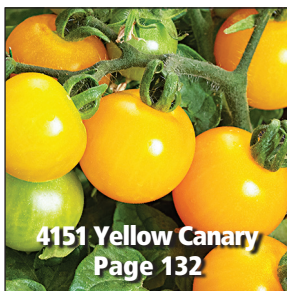
4094 San Marzano Yellow
Page 127



4057 Unicorn F1
Page 128



4041 Orange Zinger F1
Page 128



4151 Yellow Canary
Page 132




4460 Sweet Trick
Page 134




4463 Dark Knight F1
Page 134


GLOSSARY OF TERMS

Annual: A plant which completes its life cycle in one growing season.

ASA: Attribute Stewardship Agreement. A stewardship agreement must be signed for the purchase of Attribute®, Attribute® Plus, and Attribute® II varieties. We ask that you understand and follow the terms, guidelines, and practices outlined in the agreement. You will find a copy of this agreement on page of this catalog. You may also complete the agreement online at: <http://www.agcelerate.com>. Indicated by  next to a product's price listing.

BSTA: Bayer Technology Stewardship Agreement Performance Series™ sweet corn growers are required to have a current Bayer Technology Stewardship Agreement (license). If you are not licensed you may complete the agreement at: <http://www.agcelerate.com>. Or call 800-435-6077 to request an agreement form. Indicated by  next to a product's price listing.

Determinate: A term used to define the developmental habit of bush-type tomatoes which grow to a certain size then divert their major energy stores away from vegetative structures, toward flower and fruit development and ripening.

FarMore® Treated: An available treatment on some pumpkin, squash, and melon seed that provides broad-spectrum protection against soil-borne disease, as well as early season protection against striped cucumber beetles. Indicated by  next to a product's price listing.

Gynoeious: All (or virtually all) of the flowers produced are female.

Heirloom: An open pollinated variety whose seed lines have been maintained and passed down by gardeners and farmers over generations, prized for traits such as appearance, fragrance, and flavor.

Hybrid (F1): The offspring of a cross between two genetically distinct parent lines. Hybrid varieties are selected for traits such as improved flavor, disease resistance, quality, yield, and climate adaptability. An F1 hybrid refers to first filial or first generation offspring of the cross. Seeds saved from an F1 hybrid will not produce plants with characteristics equivalent to the F1 hybrid.

Monoecious: Produces male and female flowers on the same plant.

Open Pollinated (OP): A non-hybrid variety; one that can reproduce itself in kind, demonstrating relatively stable traits from one generation to the next. Seeds saved from OP varieties will produce plants very similar to their parents when grown in isolation.

Pelleted: Covered with a coating that improves shape, size, and uniformity of raw seeds for easier and more accurate sowing by hand and machine.

Indeterminate: A term used to describe the growth pattern of vining-type tomatoes that continue to form new leaves, shoots, and flowers for an indefinite time period (until frost or some other factor causes them to die).

Parent Line: To create quality parent seed that is genetically stable, uniform, and perfect, a parent seed line with the desired characteristics is inbred for several generations. Two such parent lines are cross-bred to produce an F1 hybrid.

Parthenocarpic: In flowering plants, the female flowers are able to set fruit without pollination from male flowers.

Perennial: A perennial is a plant that persists for more than 2 years.

Plant Variety Protected (PVP): PVP status indicates that the breeder has the legal "right to exclude others from selling the variety, or offering it for sale, or reproducing it, or importing it, or exporting it, or using it in producing (as distinguished from developing) a hybrid or different variety." The term of protection runs 20 years from the certificate's date of issue, or 25 years in the case of a tree or vine. Unauthorized marketing of PVP seeds is prohibited.

Resistant / resistance: Implies that a variety has a certain amount of resistance when exposed to a disease-causing pathogen such as a fungus, bacteria, or virus. The extent of resistance is displayed as either high (HR) or intermediate (IR).

Semi-determinate: A term used to describe tomatoes that have plant habits that fall somewhere in-between the determinate and indeterminate types (see above for definitions of those habits).

Thiram: used as a fungicide to prevent crop damage in the field and to prevent crops from deterioration in storage or transport. Thiram is also used as a seed, nut, fruit, and mushroom disinfectant from a variety of fungal diseases.

Tolerant / tolerance: Implies that a variety will perform relatively well when exposed to a particular environmental stressor such as cold weather, hot weather, or drought.

Treated: Seeds that have a coating of fungicide intended to protect them from rotting in the soil before germination. All treated products have a "T" included with the part numbers. Note: The seeds themselves should not be used for food, feed, or oil purposes. **Untreated or Raw:** Seeds that have no chemical treatments.

Variety: A genetically similar population of plants, distinct in one or more traits from other populations. Varieties do occur naturally and are found in nature.

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